

**PROJECTED DEFENSE PURCHASES:
DETAIL BY INDUSTRY AND STATE**

Calendar Years 2003 Through 2009



August 2003

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FOREWORD

Projected Defense Purchases: Detail by Industry and State is issued by the Office of the Secretary of Defense (OSD). The estimates presented in the report are produced by the Economic and Manpower Analysis Division of OSD's Office of Program Analysis and Evaluation.

The report provides projections of direct and indirect (or defense-related) purchases from 50 major manufacturing industries. Estimates of defense-related employment and direct and indirect defense spending in each of the 50 states and the District of Columbia also are presented. An introduction gives a brief overview of the definitions, budgetary concepts, and expenditure categories used in developing the estimates, and offers some guidelines for interpreting them. The tabular material is divided into three sections:

Section I: Summary Tables – Industry Expenditures and Employment,
Individual States and Entire United States

Section II: Projections for Selected Industries

Section III: Individual State Projections

Descriptions of table formats accompany the projections.

Additional copies of this report may be obtained on the PA&E public access web-site home page, <http://www.economics.osd.mil>. A feedback form for comments is attached at the end of the report.

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Reader's Note

Since the 1996 edition of *Projected Defense Purchases: Detail by Industry and State*, the Defense Employment and Purchases Projection System (*DEPPS*) has consisted of three defense-spending models:

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 320 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry. The occupational matrix used in *LDEPPS* comprises 100 occupational categories, chosen in a way that permits more detail to be provided on categories that are heavily employed either directly or indirectly by the Department of Defense.

Two input-output models feed *DEPPS*:

- *LIFT*, which stands for Long-term Interindustry Forecasting Tool, is a 97-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls.
- *Iliad*, or the Interindustry Long-run Integrated and Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 320 industries.

The Office of Program Analysis and Evaluation and Interindustry Forecasting at the University of Maryland (INFORUM) developed *DEPPS*. *LIFT* and *Iliad* were developed by INFORUM. *DEPPS*, *LIFT*, and *Iliad* are maintained by INFORUM.

The last and most critical element in developing the projections is the *Defense Translator*. The *Defense Translator* disaggregates the total defense budget by budget category into source industries and is updated annually.

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INTRODUCTION AND HIGHLIGHTS

This report presents estimates of defense purchases during calendar years 2003 – 2009 from the 50 manufacturing industries that are the major defense suppliers. The report also provides projections of defense-related employment and spending during the forecast years for each of the 50 states and the District of Columbia. The estimates are based on the President's budget submission of February 2003, and on the geographic distribution of the major components of defense spending in the recent past. This document is also available on the DEPPS website.¹ Supporting documentation, including a more complete description of the model and data used to generate the estimates, is posted to the website as well.

The figures reported here are *projections*; they do not necessarily reflect what actual defense expenditures will be in various industries or states in future years. Purchases from particular industries will depend upon the size and composition of the defense budget enacted by the Congress. The location of purchases will be determined not only by the level of defense spending, but also by the location of industries and by competition among firms within industries, both for prime contracts and for subcontracts.² The projections therefore serve as reference points; they describe the future pattern of defense and defense-related expenditures, *assuming that each state's shares of the various components of defense activity remain as they have been in the recent past.*

The framework for the projections was redesigned in 1995, and the definitions of industries for which projections are reported also were revised. Consequently, comparisons of post-1995 projections with projections from prior years are inappropriate. The post-1995 framework is called the Defense Employment and Purchases Projection System (*DEPPS*). *DEPPS* consists of three defense-spending models:

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 320 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry.

Two input-output models feed *DEPPS*. The first model, called the Long-term Interindustry Forecasting Tool (*LIFT*), is a 97-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls. The second input-output model, called *Iliad* for Interindustry Long-run Integrated and

¹ Available at <http://www.economics.osd.mil/>.

² The Directorate of Information Operations and Reports in the Washington Headquarters Services publishes comprehensive data on prime contract awards and personnel expenditures, by state, available at <http://web1.whs.osd.mil/mmids/pubs.htm>.

Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 320 industries.³

Definitions and Coverage

The estimates presented in this report consider both “direct” and “indirect” defense expenditures. Direct defense expenditures are those that the Department of Defense (DoD) itself makes. These include purchases of goods and services, as well as military and civilian pay.

Indirect (or defense-related) expenditures, by contrast, represent purchases—generated throughout the economy—of items used to produce goods bought by DoD. That is, indirect expenditures reflect the costs of materials, tools, and parts that prime contractors buy from suppliers in order to perform work for which DoD has contracted. Those sales, in turn, trigger subsequent rounds of transactions (economists refer to this as the multiplier effect), as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. The term “indirect defense purchases” applies to this sequence of purchases—goods and services from subcontractors and lower-tier suppliers.

Defense purchases induced from direct pay, shown in the state-level tables in Section III, refers to the production of goods and services consumed by DoD’s civilian and military employees, and retirees. Estimates for these expenditures are included in the statewide tables because the concept has been of interest to planning agencies and others concerned with local economic development. Induced defense purchases resulting from direct pay are *not* included in the industry estimates reported in Section II.

The employment estimates include DoD civilian employment as well as employment resulting from both direct and indirect DoD purchases of goods and services. Employment generated by indirect purchases resulting from direct pay (i.e., by personal consumption expenditures) is *not* included in the estimates presented here.

Budget Concept Employed. The *DEPPS* projections are expressed in terms of outlays. Outlays represent disbursements of funds made during the course of a year. In contrast, budget authority is the amount of money that Congress authorizes DoD to obligate in any given year. Budget authority differs from outlays in that contractual obligations (which must be within the limits set by budget authority) often call for payments to be spread over a period of years, as the work is completed.⁴ (Budget authority for research, development, and procurement projects, in particular, tends to be disbursed over a period of several years.) Therefore, during periods of budget growth, budget authority tends to exceed outlays in any given year.

³ The Office of Program Analysis and Evaluation and Interindustry Forecasting at the University of Maryland (INFORUM) developed *DEPPS*. *LIFT* and *Iliad* were developed by INFORUM. *DEPPS*, *LIFT*, and *Iliad* are maintained by INFORUM.

⁴ One metaphor is that of a checking account: budget authority represents the amount of money placed in a given account. Outlays represent “checks” that draw on those funds, which may be written over a number of years.

Coverage. The federal budget is divided into a number of sections called “functional categories,” each containing programs serving a common purpose. National security-related programs are grouped into Functional Category 050 (National Defense). This category includes all of the Defense Department’s military programs and the national security programs administered by other federal departments, such as the Department of Energy. It *excludes* nonmilitary programs managed by the Department of Defense (for example, highway bridge inspection projects conducted by the Army Corps of Engineers).

The *DEPPS* industry projections (IDEPPS) are based on a narrower budget grouping, Functional Category 051 (Department of Defense, Military). This subset of 050 funds *includes* all of the Defense Department’s military programs, but *excludes* the national security programs administered by other agencies and DoD programs serving civil functions (principally public works projects of the U.S. Army Corps of Engineers).

The defense budget (defined here to include only those programs falling within Functional Category 051) is partitioned into five major accounts: military personnel; operations and maintenance (O&M); procurement; research, development, test, and evaluation (RDT&E); and military construction. The titles of these accounts are reasonably descriptive of the types of expenses they cover:

- The *military personnel* account covers the pay of active-duty service members and reservists, as well as some other personnel-related expenses such as permanent change-of-station (PCS) travel and purchases of military uniforms. Also included in this account is DoD’s share of the government’s annual payments into the Military Retirement Fund (see below).
- The *O&M* account funds the day-to-day operations of the defense establishment. Money from this account goes to purchase fuel and other consumable items and to pay all but a small share of DoD’s civilian work force.
- The *procurement* account covers purchases of weapons, equipment, and other military capital goods.
- The *RDT&E* account pays for the development and testing of new military systems and for other research activities and associated civilian pay.
- The *military construction* account covers the cost of constructing military facilities and of providing housing for military personnel and their dependents.

Highlights of the Projections

Regional Requirements -- RDEPPS

Defense Expenditures by State. Table 1 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2003 for each of the fifty states and the District of Columbia grouped by the nine U.S. census divisions.

The geographic distribution of defense expenditures reflects the distribution of military personnel and DoD civilian employees, as well as the location of the industries that make defense goods.

The dispersion *within* regions is larger than the dispersion across them. For example:

- All nine regions contain one or more states in which total projected defense expenditures (direct and indirect) exceed the national average.
- Seven regions contain at least one state in which total projected defense expenditures are less than 75 percent of the national average.
- Intraregional variation (the difference between the lowest and highest state estimate within a region) are greater than the variation among regional averages (the difference between the lowest and highest regional estimate) in six of the nine regions.

The *DEPPS* projections describe the pattern of defense and defense-related expenditures, assuming that the geographic distribution of the various components of defense activity remains stable relative to recent years. Should this assumption fail, the actual course of completion of defense contracts would produce a future geographic pattern that differs from historical distributions.

Industry Requirements -- DEPPS

Defense Expenditures by Industry. This report contains information on the 50 non-food manufacturing industries that supply the largest (direct plus indirect) defense expenditures. While some of these industries are defense-specific (e.g., armaments, shipbuilding, tanks and tank components, aircraft, and guided missiles), a significant share of defense purchases are made directly or indirectly from industries less obviously oriented toward defense activities (e.g., electronics, blast furnaces and steel mills, motor vehicle parts, industrial controls, telephone and telegraph equipment, and apparel).

The composition of projected defense purchases is different from the composition of all other purchases in the U.S. economy. Figure 1 presents information on the composition of projected defense and nondefense final purchases in 2003. A large proportion of defense purchases—39 percent—are made from manufacturing industries. By contrast, only about 30 percent of nondefense final purchases are made from the manufacturing sector of the economy. Similarly,

services make up about 55 percent of defense final purchases but about 65 percent of nondefense final purchases.

Figure 2 presents information on the composition of estimated defense and nondefense indirect purchases—the sales of materials, supplies, and services used as intermediate inputs in the production process. The manufacturing intensity of defense purchases is reflected in indirect defense purchases as well, although indirect defense purchases more closely resemble their nondefense counterparts. Manufacturing accounts for about 36 percent of projected defense indirect purchases and for about 34 percent of projected nondefense indirect purchases. Services make up about 60 percent of defense indirect purchases but about 57 percent of nondefense indirect purchases.

Difference Between Industry (IDEPPS) and Regional (RDEPPS) Totals

The *RDEPPS* projections exclude DoD's share of the government's annual payments into the Military Retirement Fund, but includes disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*). The regional total also excludes direct pay to military, civilian, and retired personnel stationed or living outside the fifty states and the District of Colombia. Since retirement disbursements are currently about \$20 billion more than accruals, and because payments abroad are currently about \$10 billion, the *RDEPPS* direct expenditure total currently exceeds the *IDEPPS* total by about \$10 billion (20-10).

Employment Requirements -- LDEPPS

Defense-Related Employment. Defense-related civilian employment (including the civilian employees of the Department of Defense) represents about 2 percent of projected total U.S. civilian employment in 2003. The composition of defense-related civilian employment (in 2003) differs somewhat from that of nondefense employment. The differences reflect the manufacturing intensity of defense purchases, as well as specific employment patterns of the individual industries from which defense purchases are made.

Occupations primarily associated with manufacturing industries (e.g., precision production, craft, and repair) account for a large share of defense-related employment (16 percent), while service and agriculture workers account for a large proportion (22 percent) of nondefense employment (see Figure 3). Engineering workers also account for a larger share of defense-related employment (5 percent) than they do of nondefense employment (1 percent). More detailed tabulations of defense-related employment (including a breakout of engineering and scientific personnel by specialty) are provided in Section I.

Comparisons with Previous Estimates

The internal structure of *DEPPS* is revised occasionally. Most internal model changes, however, reflect revisions in data sets rather than changes in a model's fundamental architecture.

Changes in the defense budget overall also influence cross-year comparisons. Each year's projections are made using the defense portion of the President's budget submission to Congress. The defense budget is developed each year through an involved process and can change significantly from year to year. Consequently, the projections also change.

Finally, variability in the projections, and assumptions about the behavior of the economy as a whole and of specific sectors within the economy, also affect *DEPPS* outcomes. Many basic economic assumptions have been revised over the past year, in part due to the changing conditions in the U.S. economy.

Therefore, there are many reasons why estimates shift from year to year. Structural changes in the *DEPPS* model greatly complicate comparisons with other years' projections. The other possible sources of change—*DEPPS* data revisions, the defense budget, and broader economic assumptions—do not preclude comparisons, but isolating the effects of any single factor is a challenge. Ultimately, while comparisons between estimates are possible, they should be made taking the underlying reasons for the changes into account.

Figure 1.
Composition of Defense and Nondefense Purchases for 2004

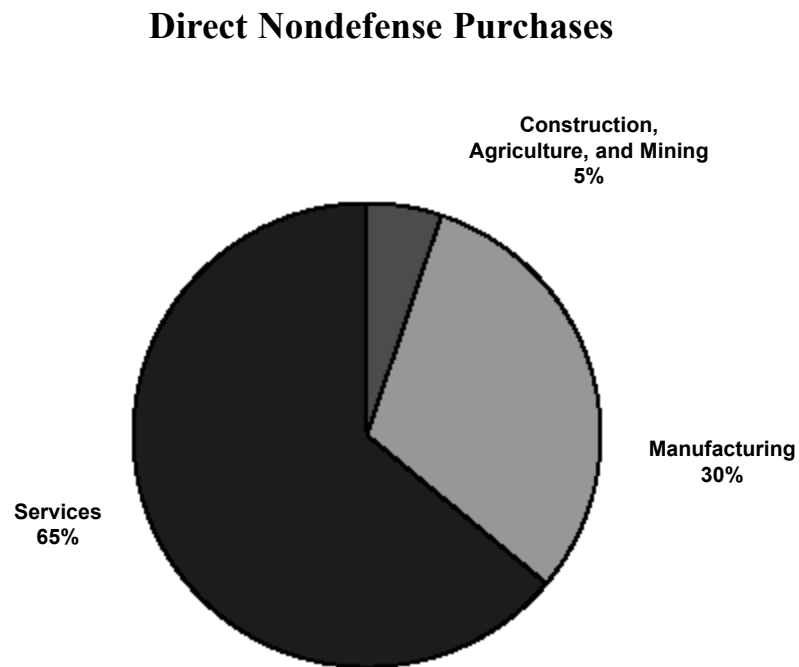


Figure 2.
Composition of Defense and Nondefense Purchases for 2004

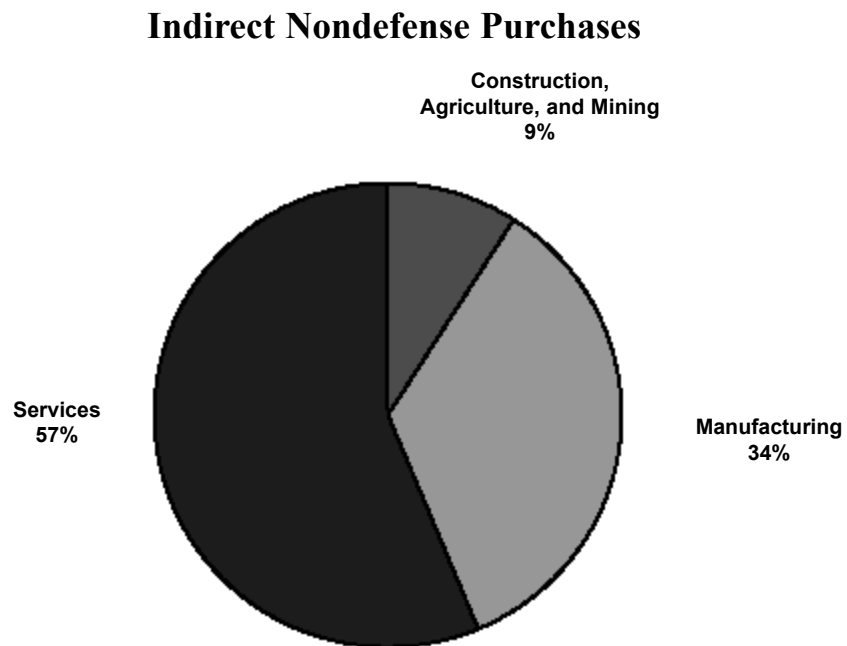
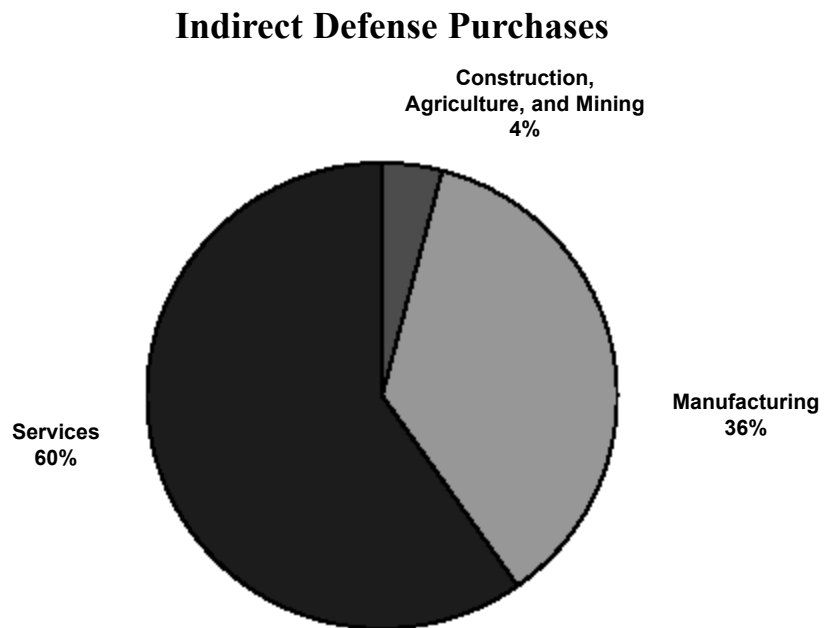
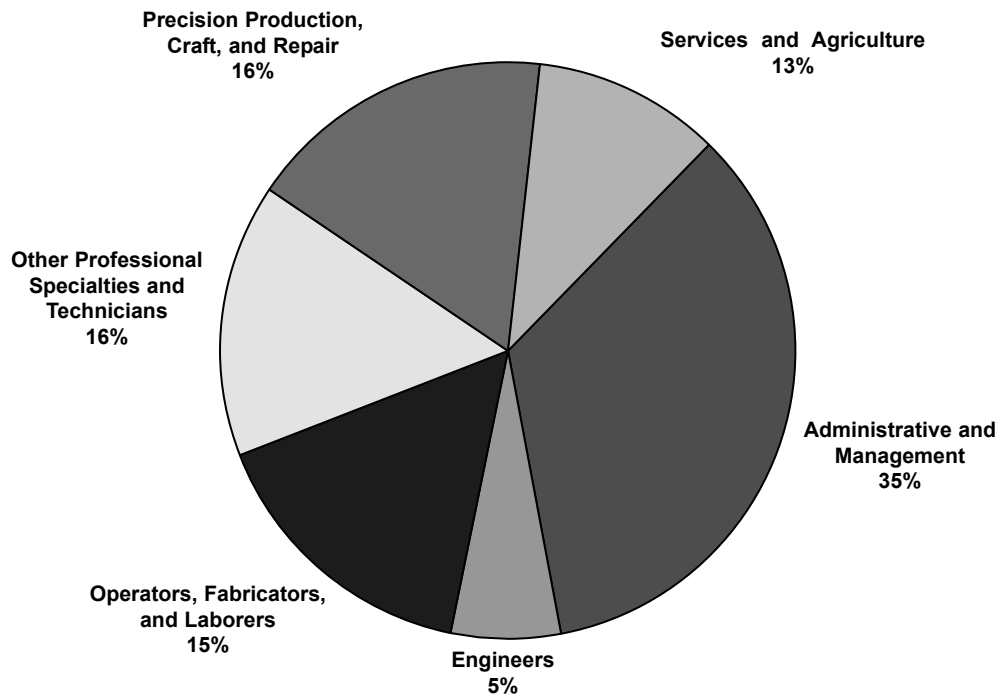


Figure 3.
Composition of Civilian Employment for 2004

Defense-Related Employment



Nondefense-Related Employment

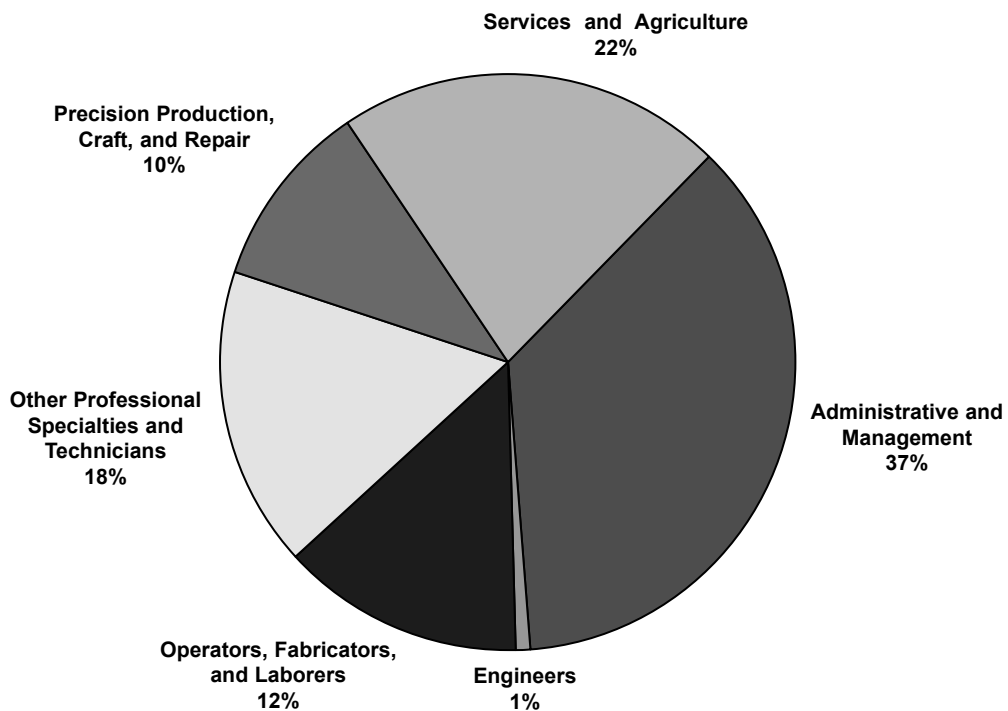


Table 1.
Estimated Defense Expenditures Per Capita, 2004
 (By State and Region, in 2004 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct Purchases	Total
		Pay	Purchases	Total		
New England	14135	269	1342	1610	779	2390
Connecticut	3433	213	1169	1383	637	2019
Maine	1296	635	1712	2347	841	3188
Massachusetts	6440	174	1308	1482	720	2201
New Hampshire	1282	251	1645	1896	1178	3074
Rhode Island	1060	637	732	1369	568	1937
Vermont	625	201	2284	2485	1590	4075
Mid-Atlantic	39995	199	534	732	693	1425
New Jersey	8590	263	606	869	708	1577
New York	19062	131	319	450	392	841
Pennsylvania	12344	259	815	1073	1148	2221
South Atlantic	54065	897	1247	2143	802	2946
Delaware	810	539	481	1021	718	1738
District of Columbia	577	3125	4731	7855	3775	11631
Florida	16859	519	794	1313	604	1917
Georgia	8633	772	1309	2081	677	2758
Maryland	5450	962	2018	2980	948	3928
North Carolina	8421	725	232	958	485	1443
South Carolina	4157	778	574	1353	610	1963
Virginia	7343	2163	3183	5347	1581	6928
West Virginia	1815	190	492	682	647	1329
East North Central	42488	226	424	651	622	1272
Illinois	12596	271	269	540	546	1086
Indiana	2959	432	1289	1720	1331	3051
Michigan	10007	120	301	421	461	882
Ohio	11440	274	492	766	691	1457
Wisconsin	5487	105	400	505	562	1067
West North Central	22971	278	605	884	497	1380
Iowa	6217	56	187	242	214	456
Kansas	2763	550	522	1072	633	1705
Minnesota	5062	113	612	725	622	1347
Missouri	5739	379	1119	1498	540	2038
Nebraska	1756	505	361	866	547	1413
North Dakota	654	830	1357	2187	1135	3321
South Dakota	780	446	335	781	486	1267
East South Central	17572	534	954	1487	988	2475
Alabama	4591	728	1387	2116	930	3045
Kentucky	4125	627	864	1491	1576	3067
Mississippi	2919	699	977	1676	1014	2690
Tennessee	5937	237	668	906	612	1518
West South Central	32859	545	666	1210	617	1827
Arkansas	2770	358	412	770	654	1424
Louisiana	4558	403	572	975	506	1480
Oklahoma	3547	910	601	1511	702	2213
Texas	21984	538	727	1266	622	1888

Source: RDEPPS calculations

Table 1 (continued).
Estimated Defense Expenditures Per Capita, 2004
 (By State and Region, in 2004 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct Purchases	Total
		Pay	Purchases	Total		
Mountain	19422	518	1181	1742	605	2448
Arizona	5500	461	1446	1907	465	2372
Colorado	4549	694	1245	1939	638	2577
Idaho	1396	365	1423	1788	1165	2954
Montana	945	420	290	710	456	1166
Nevada	2168	461	686	1148	603	1750
New Mexico	1941	781	1868	2649	1557	4206
Utah	2398	608	733	1341	629	1970
Wyoming	526	600	369	968	691	1659
Pacific	47219	564	846	1410	607	2017
Alaska	663	1832	2026	3858	1397	5255
California	35469	444	872	1316	599	1916
Hawaii	1277	2755	1410	4165	872	5037
Oregon	3595	196	253	449	485	934
Washington	6216	877	799	1676	585	2261
United States	290725	485	830	1315	688	2002

Source: RDEPPS calculations

Table 2a.
Sources of Projected Direct Defense Purchases
Department of Defense
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
Military Personnel	96,249	99,091	101,880	100,066	99,129	101,616	101,604
Operations & Maintenance	137,867	133,485	134,234	135,733	137,076	139,049	139,899
Procurement							
Aircraft	23,168	25,335	25,530	26,259	29,165	31,458	33,195
Missiles	4,434	4,410	4,811	5,200	5,402	5,439	5,818
Weapons and Tracked Vehicles	2,875	2,492	2,286	2,326	2,830	3,433	3,806
Ships and Conversions	9,721	8,697	10,399	12,247	11,722	12,837	13,929
Ammunition	181	255	207	190	206	219	233
Other	24,879	27,585	28,745	29,697	31,485	33,278	34,539
Total Procurement	65,257	68,773	71,978	75,919	80,809	86,664	91,519
RDT&E	54,941	59,432	62,617	62,224	60,935	61,104	61,705
Military Construction	6,122	6,031	5,749	6,637	8,715	10,198	10,438
Family Housing	4,195	4,047	3,952	4,198	4,354	4,399	4,374
Defense-Wide Contingencies	1,015	742	347	134	82	82	87
Revolving & Management Funds	2,814	2,455	1,825	1,355	1,125	1,712	2,756
Trust & Receipts	-675	-636	-603	-571	-533	-522	-517
Deductions, Intragovernment Receipts	-217	-176	-177	-177	-178	-177	-177
Total Direct Defense	367,568	373,244	381,802	385,517	391,515	404,125	411,687

Source: IDEPPS calculations

Note: Numbers may not add to totals due to rounding.

Table 2b.
Sources of Projected Indirect Defense Purchases
Department of Defense
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
Military Personnel	19,157	20,845	22,907	22,120	21,752	23,444	23,615
Operations & Maintenance ^a	76,553	72,638	72,775	73,881	75,151	77,461	79,249
Aircraft	21,705	23,925	24,273	25,009	27,859	30,238	32,124
Missiles	3,648	3,646	4,003	4,343	4,509	4,530	4,877
Weapons and Tracked Vehicles	3,498	2,983	2,722	2,748	3,306	4,016	4,506
Ships and Conversions	7,627	6,899	8,296	9,681	9,295	10,214	11,174
Ammunition	145	212	169	155	167	178	198
Other	24,523	27,268	28,568	29,626	31,544	33,510	35,082
Total Procurement	61,148	64,934	68,031	71,563	76,680	82,686	87,961
Research, Development, Test, Evaluation	51,379	56,543	60,516	60,618	59,815	60,572	61,764
Military Construction	2,236	2,163	2,049	2,454	3,346	3,953	3,962
Family Housing	2,127	2,067	2,022	2,159	2,233	2,259	2,278
Total Indirect Defense Purchases	212,601	219,190	228,300	232,794	238,978	250,375	258,829

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Source: IDEPPS calculations

Note: Numbers may not add to totals due to rounding.

SECTION I: SUMMARY TABLES – Industry Expenditures and Employment, Individual States and Entire United States

The summary tables provide an overview of estimated defense expenditures and employment. Table 3 presents estimates of total defense purchases from the 50 non-food/tobacco manufacturing industries leading in defense production in 2004. The estimates shown include both direct and indirect purchases. Table 4 presents estimates of defense-related employment by major occupational category, while Table 5 provides more detailed estimates of defense-related employment of engineers and scientists.

The remaining five tables present state-level information:

- The first three tables present estimates of *direct* defense expenditures, first in the aggregate and then by selected budget accounts. Table 6 shows outlays (for purchases and pay) projected to be made in each state during each year of the forecast period. (The estimates assume state shares of the underlying components of pay and purchases remain at recent levels.) The next two tables break out the statewide estimates by budget category. Table 7 shows outlays arising from the procurement and RDT&E accounts, while Table 8 displays outlays resulting from the remaining accounts.
- The last two tables present estimates of *indirect* defense expenditures. Table 9 shows indirect expenditures arising from purchases made by the Department of Defense; Table 10 shows indirect expenditures deriving from the wages and salaries of DoD personnel and from military retirement pay.

Table 3.
Projected Total (Direct + Indirect) Defense Purchases from 50 Non-Food Manufacturing Industries Leading in Defense Production in 2004
(Millions of 2004 dollars)

Ind #	Supplying Industry	2003	2004	2005	2006	2007	2008	2009
235	Aircraft	13,083	13,874	14,036	13,952	14,413	13,916	14,019
237	Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.	11,409	12,724	13,362	14,155	15,551	17,109	17,907
236	Aircraft and Missile Engines, Propulsion Units and Parts	10,940	11,819	12,511	12,996	13,793	14,930	15,583
222	Semiconductors and Related Devices	6,018	6,589	7,059	7,415	7,819	8,421	9,005
238	Shipbuilding and Repairing	7,179	6,528	7,493	8,982	8,540	9,078	9,463
220	Radio and TV Broadcasting and Communication Equipment	5,793	6,242	6,396	6,549	6,713	6,960	7,222
223	Electronic Components, n.e.c.	5,550	5,924	6,150	6,266	6,503	6,910	7,270
246	Search and Navigation Equipment	5,494	5,797	6,012	5,915	5,962	6,327	6,668
21	Guided Missiles and Space Vehicles	5,156	5,348	5,837	6,447	7,263	7,770	8,188
110	Petroleum Refining, Except Fuel Oil	4,589	4,515	4,536	4,468	4,527	4,733	4,827
22	Ammunition, Except Small Arms	3,612	4,016	4,232	4,331	4,344	4,549	5,069
118	Miscellaneous Plastic Products	3,835	3,998	4,152	4,230	4,370	4,576	4,763
221	Electron Tubes	2,831	3,050	3,224	3,231	3,232	3,335	3,427
198	Electronic Computers	2,900	2,986	2,970	3,001	3,051	3,151	3,213
90	Commercial Printing	2,950	2,951	3,039	3,096	3,163	3,280	3,365
174	Industrial Trucks, Tractors, Trailers, and Stackers	2,095	2,269	2,406	2,352	2,378	2,428	2,547
219	Telephones, Switchboards, Modems, Faxes, Etc.	1,842	2,029	2,084	2,054	2,096	2,165	2,287
133	Steel Mills, Blast Furnaces, and Rolling and Finishing Mills	1,978	1,972	2,014	2,069	2,074	2,126	2,187
96	Industrial Organic Chemicals	1,816	1,882	1,940	1,953	1,988	2,063	2,115
61	Miscellaneous Fabricated Textile Products	1,547	1,815	1,948	1,933	1,964	2,066	2,095
250	Surgical Appliances and Supplies	1,317	1,530	1,591	1,552	1,546	1,613	1,620
59	Apparel	1,272	1,495	1,581	1,488	1,462	1,575	1,584
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	1,358	1,436	1,496	1,533	1,599	1,682	1,752
111	Fuel Oil	1,322	1,356	1,379	1,348	1,349	1,412	1,428
163	Pipes, Valves, and Pipe Fittings	1,172	1,212	1,270	1,319	1,348	1,396	1,449
78	Paper Mills, Including Building Paper	1,210	1,211	1,240	1,254	1,272	1,312	1,338
233	Motor Vehicles and Passenger Car Bodies	1,427	1,179	1,100	1,137	1,314	1,459	1,660
102	Plastics Materials and Resins	1,127	1,175	1,213	1,228	1,263	1,318	1,361
199	Computer Peripheral Equipment	1,128	1,152	1,163	1,181	1,204	1,243	1,269
23	Tanks and Tank Components	1,281	1,145	1,097	1,019	1,034	1,019	1,039
86	Newspaper Publishing and Printing	1,157	1,142	1,141	1,127	1,122	1,131	1,131
87	Periodical Publishing and Printing	1,069	1,110	1,157	1,176	1,205	1,254	1,289
159	Metal Plating, Polishing, and Coating	1,010	1,078	1,129	1,165	1,215	1,294	1,365
164	Fabricated Metal Products, n.e.c.	1,016	1,051	1,063	1,070	1,083	1,128	1,164
123	Glass and Glass Products, n.e.c.	1,001	1,045	1,096	1,105	1,114	1,157	1,196
234	Motor Vehicle Parts and Accessories	1,142	1,020	982	977	1,050	1,126	1,224
230	Electrical Machinery, Equipment and Supplies, n.e.c.	972	1,006	1,024	1,009	1,002	1,028	1,055
248	Measuring Devices and Environmental Controls	932	959	990	1,018	1,075	1,147	1,185

Source: IDEPPS Calculations

Table 3 (continued).**Projected Total (Direct + Indirect) Defense Purchases from 50 Non-Food Manufacturing Industries Leading in Defense Production in 2004**

(Millions of 2004 dollars)

Ind #	Supplying Industry	2003	2004	2005	2006	2007	2008	2009
53	Broadwoven Fabric Mills	836	948	999	976	991	1,050	1,062
197	Industrial and Commercial Machinery, n.e.c.	905	939	977	1,001	1,035	1,085	1,132
151	Fabricated Plate Work (Boiler Shops)	944	926	1,121	1,367	1,391	1,494	1,605
26	Other Ordnance and Accessories	810	916	1,001	1,053	1,116	1,154	1,165
141	Aluminum Rolling and Drawing Products	855	877	893	905	935	958	988
95	Industrial Inorganic Chemicals	877	865	880	871	849	866	874
177	Special Dies, Jigs, Molds, and Cutting Tools	805	844	865	872	903	912	938
25	Small Arms Ammunition	506	801	841	865	904	927	944
153	Screw Machine Products, Bolts and Nuts	768	799	812	822	852	880	914
253	Laboratory and Optical Instruments	769	786	814	827	855	894	921
192	Mechanical Power Transmission Equipment	776	777	816	866	913	1,001	1,079
145	Nonferrous Castings and Forgings	639	699	744	776	827	893	941

Table 4.
Projected Defense and Defense-Related Civilian Employment by Occupational Category
(Thousands of Workers)

Occupational Category	2003	2004	2005	2006	2007	2008	2009
Administrative Support (including Clerical)	624	616	622	621	622	591	591
Agriculture, Forestry, Fishing and Related	35	34	34	34	35	36	36
Engineers	154	154	154	154	154	158	158
Management Support	185	184	185	184	184	190	190
Managerial and Administrative	206	201	201	200	200	203	203
Marketing and Sales	168	165	165	162	160	164	163
Operators, Fabricators, and Laborers	499	496	501	497	494	509	509
Other Professional Specialties	220	216	218	217	215	215	215
Precision Production, Craft, and Repair	538	532	535	544	557	569	572
Scientists	168	163	160	155	151	181	180
Service	400	383	386	383	380	374	374
Technicians and Related Support	160	152	150	148	146	156	157
Total All Categories:	3,357	3,297	3,312	3,299	3,298	3,345	3,347

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Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding.

Table 5.
Projected Defense and Defense-Related Civilian Employment of Engineers and Scientists
(Thousands of Workers)

Occupational Category		2003	2004	2005	2006	2007	2008	2009
Engineers								
Aeronautical and astronautical engineers		13.7	13.9	14.0	14.0	14.3	13.8	13.9
Chemical engineers		2.8	2.8	2.8	2.8	2.8	2.9	2.9
Civil engineers, including traffic engineers		19.6	19.6	19.7	19.8	20.0	20.2	20.3
Electrical and electronics engineers		58.3	57.9	57.7	57.4	57.3	59.1	59.2
Industrial engineers, except safety engineers		10.1	10.1	10.1	10.0	10.1	10.5	10.5
Mechanical engineers		28.8	28.8	28.9	28.9	29.1	29.7	29.8
Metallurgists and metallurgical, ceramic, and materials engineers		1.0	1.0	1.0	1.0	1.0	1.1	1.1
Other engineers		20.1	19.8	19.7	19.5	19.4	20.6	20.6
Total Engineers		154.4	153.9	153.9	153.6	153.9	157.7	158.2
Scientists								
Architects and surveyors		5.8	5.8	5.9	5.9	5.9	6.1	6.1
Chemists		4.8	4.8	4.8	4.8	4.8	4.8	4.8
Computer systems analysts, engineers, and scientists		130.2	125.9	122.4	117.7	113.6	143.2	142.7
Geologists, geophysicists, and oceanographers		1.2	1.2	1.2	1.1	1.1	1.1	1.1
Life scientists		2.6	2.5	2.4	2.4	2.4	2.5	2.5
Mathematicians and other mathematical scientists		3.3	3.3	3.3	3.3	3.4	3.3	3.4
Operations research analysts		8.4	8.4	8.4	8.5	8.5	8.3	8.3
Other physical scientists		5.0	5.0	5.0	5.0	5.1	5.1	5.1
Physicists and astronomers		0.5	0.5	0.5	0.5	0.5	0.4	0.5
Social scientists		6.2	6.1	6.1	6.1	6.1	5.9	5.9
Total Scientists		167.9	163.4	160.1	155.5	151.4	180.8	180.3
Total Engineers and Scientists:		322.3	317.3	314.0	309.1	305.3	338.5	338.5

Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding.

Table 6.
Projections of Total Direct Expenditures, by State
(Millions of 2004 dollars)

State	2003	2004	2005	2006	2007	2008	2009
Alabama	9,428	9,712	9,967	10,007	10,078	10,315	10,487
Alaska	2,557	2,558	2,577	2,590	2,637	2,719	2,739
Arizona	10,542	10,490	10,650	10,831	11,128	11,495	11,796
Arkansas	2,164	2,133	2,161	2,183	2,230	2,299	2,319
California	45,877	46,687	47,816	48,364	49,127	50,715	51,765
Colorado	8,584	8,821	9,056	9,097	9,174	9,413	9,548
Connecticut	4,673	4,746	4,989	5,204	5,235	5,416	5,556
Delaware	828	826	836	839	846	866	872
District of Columbia	4,579	4,535	4,573	4,594	4,627	4,717	4,761
Florida	21,624	22,130	22,660	22,820	23,176	23,859	24,237
Georgia	17,374	17,966	18,508	18,580	18,677	19,025	19,221
Hawaii	5,316	5,319	5,374	5,381	5,411	5,514	5,541
Idaho	2,529	2,497	2,564	2,588	2,653	2,785	2,818
Illinois	6,690	6,806	6,929	6,940	7,025	7,225	7,321
Indiana	5,221	5,091	5,112	5,154	5,260	5,466	5,648
Iowa	1,430	1,507	1,542	1,569	1,631	1,706	1,762
Kansas	2,916	2,962	3,002	3,033	3,125	3,229	3,280
Kentucky	6,388	6,150	6,185	6,224	6,274	6,451	6,557
Louisiana	4,529	4,442	4,626	4,836	4,803	4,994	5,083
Maine	3,056	3,041	3,217	3,411	3,398	3,565	3,640
Maryland	15,961	16,242	16,549	16,655	16,833	17,272	17,551
Massachusetts	9,056	9,541	9,837	9,927	10,117	10,489	10,797
Michigan	4,283	4,216	4,254	4,256	4,389	4,569	4,692
Minnesota	3,562	3,672	3,786	3,832	3,894	4,017	4,107
Mississippi	5,031	4,891	5,145	5,395	5,379	5,620	5,746
Missouri	8,203	8,596	8,863	9,028	9,449	9,835	10,139
Montana	672	671	679	682	692	712	717
Nebraska	1,517	1,521	1,537	1,538	1,547	1,576	1,585
Nevada	2,503	2,488	2,528	2,549	2,605	2,701	2,728
New Hampshire	2,404	2,430	2,510	2,520	2,554	2,662	2,698
New Jersey	7,231	7,465	7,631	7,669	7,800	8,112	8,340
New Mexico	5,140	5,141	5,263	5,305	5,403	5,616	5,706
New York	8,312	8,571	8,762	8,844	9,013	9,317	9,549
North Carolina	7,996	8,064	8,150	8,134	8,173	8,337	8,384
North Dakota	1,476	1,430	1,461	1,472	1,501	1,559	1,574
Ohio	8,665	8,758	8,880	8,946	9,172	9,475	9,651
Oklahoma	5,338	5,358	5,415	5,448	5,535	5,677	5,746
Oregon	1,616	1,613	1,636	1,647	1,683	1,743	1,772
Pennsylvania	13,117	13,251	13,592	13,735	13,986	14,515	14,906
Rhode Island	1,435	1,451	1,474	1,479	1,494	1,531	1,553
South Carolina	5,600	5,624	5,704	5,731	5,808	5,966	6,052
South Dakota	605	609	618	619	625	641	645
Tennessee	5,326	5,378	5,529	5,563	5,616	5,780	5,839
Texas	27,399	27,829	28,278	28,614	29,489	30,554	31,204
Utah	3,173	3,215	3,276	3,291	3,331	3,426	3,479
Vermont	1,552	1,554	1,600	1,631	1,690	1,783	1,818
Virginia	39,118	39,257	39,963	40,438	40,695	41,616	42,150
Washington	10,189	10,418	10,637	10,655	10,694	10,927	11,042
West Virginia	1,232	1,238	1,268	1,275	1,302	1,361	1,377
Wisconsin	2,673	2,772	2,857	2,859	2,946	3,105	3,205
Wyoming	512	510	513	513	519	532	534
U.S. Total	377,200	382,191	390,540	394,497	400,451	412,799	420,235

Source: RDEPPS calculations

Table 7.
Projections of Total Direct Procurement and RDT&E Expenditures, by State
(Millions of 2004 dollars)

State	2003	2004	2005	2006	2007	2008	2009
Alabama	4,520	4,865	5,113	5,135	5,154	5,311	5,467
Alaska	129	144	145	147	151	156	160
Arizona	4,001	4,313	4,491	4,633	4,910	5,137	5,332
Arkansas	121	131	137	141	145	149	153
California	17,568	18,902	19,881	20,328	20,813	21,681	22,443
Colorado	3,482	3,771	3,969	3,991	4,007	4,130	4,247
Connecticut	3,011	3,099	3,328	3,540	3,554	3,682	3,800
Delaware	92	100	103	103	104	108	109
District of Columbia	664	718	749	751	747	762	778
Florida	7,364	7,959	8,347	8,486	8,725	9,088	9,400
Georgia	8,053	8,673	9,127	9,213	9,260	9,421	9,581
Hawaii	305	318	329	337	335	343	350
Idaho	124	137	142	143	143	146	148
Illinois	1,281	1,383	1,445	1,470	1,518	1,578	1,643
Indiana	1,447	1,500	1,544	1,579	1,666	1,775	1,887
Iowa	798	878	907	932	985	1,041	1,091
Kansas	650	701	726	760	834	885	924
Kentucky	715	741	767	785	813	845	863
Louisiana	1,012	918	1,060	1,286	1,233	1,324	1,391
Maine	853	771	894	1,089	1,045	1,124	1,182
Maryland	4,726	5,139	5,374	5,449	5,536	5,720	5,896
Massachusetts	5,891	6,427	6,714	6,806	6,976	7,281	7,563
Michigan	1,446	1,384	1,385	1,371	1,447	1,516	1,603
Minnesota	1,713	1,867	1,963	1,999	2,027	2,078	2,141
Mississippi	1,682	1,556	1,772	2,112	2,056	2,204	2,310
Missouri	5,108	5,514	5,759	5,922	6,321	6,645	6,935
Montana	29	31	32	32	33	35	36
Nebraska	177	192	200	203	205	210	214
Nevada	184	201	210	213	217	225	232
New Hampshire	563	612	641	641	637	649	663
New Jersey	2,818	3,057	3,204	3,241	3,338	3,559	3,749
New Mexico	809	879	922	922	926	955	988
New York	3,627	3,935	4,109	4,189	4,331	4,539	4,731
North Carolina	528	562	582	599	635	673	697
North Dakota	37	38	38	38	40	41	43
Ohio	2,635	2,788	2,894	2,961	3,115	3,259	3,378
Oklahoma	746	802	829	857	914	968	1,013
Oregon	242	245	248	251	263	279	297
Pennsylvania	4,996	5,296	5,567	5,678	5,848	6,124	6,400
Rhode Island	340	363	377	381	390	406	421
South Carolina	737	780	821	850	905	957	999
South Dakota	40	44	44	45	46	48	49
Tennessee	948	1,031	1,089	1,090	1,082	1,100	1,123
Texas	9,093	9,656	9,984	10,330	11,051	11,700	12,265
Utah	820	887	934	944	960	1,004	1,041
Vermont	281	310	326	337	347	360	372
Virginia	10,186	10,810	11,444	11,837	11,873	12,316	12,707
Washington	2,646	2,849	2,999	3,039	3,042	3,123	3,206
West Virginia	109	118	124	124	125	128	131
Wisconsin	840	795	793	820	902	972	1,059
Wyoming	12	13	13	13	13	13	13
U.S. Total	120,198	128,205	134,596	138,143	141,744	147,767	153,224

Source: RDEPPS calculations

Table 8.
Projections of Total Direct Expenditures Excluding Procurement and RDT&E, by State
(Millions of 2004 dollars)

State	2003	2004	2005	2006	2007	2008	2009
Alabama	4,908	4,847	4,853	4,872	4,923	5,003	5,020
Alaska	2,429	2,414	2,432	2,442	2,486	2,564	2,579
Arizona	6,541	6,177	6,159	6,197	6,218	6,358	6,464
Arkansas	2,043	2,002	2,024	2,042	2,085	2,151	2,166
California	28,308	27,785	27,936	28,037	28,314	29,033	29,323
Colorado	5,102	5,050	5,087	5,106	5,167	5,283	5,302
Connecticut	1,662	1,647	1,662	1,664	1,682	1,734	1,755
Delaware	736	726	733	736	742	758	763
District of Columbia	3,915	3,817	3,824	3,843	3,880	3,955	3,984
Florida	14,259	14,170	14,312	14,334	14,451	14,770	14,837
Georgia	9,321	9,293	9,381	9,367	9,416	9,604	9,640
Hawaii	5,012	5,000	5,045	5,045	5,076	5,172	5,191
Idaho	2,405	2,360	2,422	2,445	2,510	2,640	2,670
Illinois	5,409	5,423	5,484	5,470	5,507	5,648	5,679
Indiana	3,774	3,590	3,567	3,575	3,594	3,692	3,760
Iowa	632	629	635	637	645	665	671
Kansas	2,266	2,261	2,276	2,272	2,291	2,345	2,357
Kentucky	5,673	5,409	5,418	5,439	5,460	5,605	5,693
Louisiana	3,517	3,524	3,566	3,550	3,570	3,670	3,692
Maine	2,204	2,270	2,324	2,322	2,353	2,441	2,457
Maryland	11,235	11,103	11,176	11,206	11,297	11,552	11,655
Massachusetts	3,164	3,114	3,122	3,121	3,141	3,208	3,234
Michigan	2,837	2,831	2,869	2,885	2,942	3,052	3,088
Minnesota	1,849	1,805	1,824	1,833	1,868	1,939	1,965
Mississippi	3,349	3,336	3,373	3,284	3,323	3,416	3,437
Missouri	3,095	3,082	3,104	3,106	3,127	3,190	3,204
Montana	643	640	647	650	659	677	681
Nebraska	1,341	1,330	1,337	1,336	1,343	1,367	1,371
Nevada	2,319	2,288	2,319	2,336	2,388	2,477	2,496
New Hampshire	1,842	1,818	1,869	1,878	1,917	2,013	2,035
New Jersey	4,413	4,408	4,427	4,428	4,462	4,553	4,591
New Mexico	4,331	4,263	4,341	4,383	4,477	4,661	4,718
New York	4,685	4,636	4,653	4,655	4,683	4,778	4,818
North Carolina	7,467	7,502	7,568	7,535	7,538	7,664	7,687
North Dakota	1,438	1,392	1,423	1,434	1,461	1,518	1,530
Ohio	6,030	5,970	5,987	5,985	6,057	6,216	6,274
Oklahoma	4,592	4,556	4,586	4,591	4,622	4,708	4,734
Oregon	1,374	1,368	1,388	1,396	1,419	1,465	1,475
Pennsylvania	8,120	7,955	8,025	8,057	8,139	8,391	8,506
Rhode Island	1,094	1,088	1,097	1,098	1,105	1,125	1,132
South Carolina	4,863	4,844	4,883	4,881	4,904	5,009	5,053
South Dakota	565	566	574	574	579	593	596
Tennessee	4,378	4,346	4,440	4,473	4,535	4,681	4,717
Texas	18,306	18,173	18,294	18,284	18,438	18,854	18,939
Utah	2,353	2,328	2,342	2,347	2,371	2,422	2,438
Vermont	1,271	1,243	1,274	1,294	1,343	1,423	1,446
Virginia	28,932	28,447	28,519	28,601	28,821	29,301	29,443
Washington	7,544	7,568	7,638	7,617	7,652	7,805	7,836
West Virginia	1,123	1,120	1,144	1,151	1,177	1,233	1,246
Wisconsin	1,833	1,977	2,064	2,039	2,044	2,133	2,146
Wyoming	500	497	500	500	506	519	520
U.S. Total	257,002	253,986	255,944	256,354	258,707	265,031	267,011

Source: RDEPPS calculations

Table 9.
Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State
(Millions of 2004 dollars)

State	2003	2004	2005	2006	2007	2008	2009
Alabama	4,083	4,267	4,454	4,532	4,633	4,832	4,987
Alaska	924	926	937	953	977	1,022	1,053
Arizona	2,458	2,555	2,675	2,747	2,839	2,990	3,108
Arkansas	1,766	1,811	1,881	1,913	1,960	2,050	2,115
California	20,534	21,252	22,187	22,638	23,238	24,368	25,228
Colorado	2,806	2,901	3,021	3,085	3,167	3,320	3,427
Connecticut	2,099	2,185	2,293	2,350	2,426	2,555	2,653
Delaware	573	581	600	607	619	644	661
District of Columbia	2,138	2,179	2,264	2,301	2,344	2,432	2,497
Florida	9,810	10,188	10,700	10,922	11,227	11,783	12,185
Georgia	5,664	5,848	6,077	6,177	6,336	6,632	6,837
Hawaii	1,090	1,113	1,155	1,177	1,207	1,262	1,300
Idaho	1,595	1,627	1,690	1,718	1,756	1,837	1,892
Illinois	6,684	6,870	7,139	7,268	7,453	7,793	8,051
Indiana	3,817	3,938	4,099	4,185	4,308	4,517	4,684
Iowa	1,295	1,329	1,380	1,402	1,436	1,500	1,550
Kansas	1,693	1,748	1,818	1,864	1,930	2,034	2,109
Kentucky	6,217	6,501	6,863	6,970	7,143	7,449	7,650
Louisiana	2,248	2,306	2,400	2,430	2,483	2,605	2,679
Maine	1,061	1,090	1,138	1,158	1,187	1,245	1,283
Maryland	5,002	5,167	5,385	5,486	5,618	5,870	6,055
Massachusetts	4,420	4,634	4,865	4,954	5,072	5,308	5,495
Michigan	4,507	4,612	4,788	4,873	4,997	5,221	5,402
Minnesota	3,056	3,148	3,282	3,338	3,417	3,571	3,689
Mississippi	2,858	2,960	3,108	3,166	3,251	3,405	3,514
Missouri	3,004	3,100	3,233	3,295	3,385	3,549	3,673
Montana	422	431	447	454	464	485	499
Nebraska	936	960	998	1,015	1,040	1,086	1,120
Nevada	1,272	1,306	1,359	1,386	1,420	1,487	1,535
New Hampshire	1,469	1,510	1,574	1,604	1,643	1,721	1,780
New Jersey	5,889	6,079	6,346	6,466	6,630	6,967	7,226
New Mexico	2,958	3,021	3,141	3,195	3,263	3,409	3,512
New York	7,271	7,462	7,712	7,845	8,037	8,398	8,674
North Carolina	3,931	4,084	4,251	4,307	4,408	4,614	4,760
North Dakota	734	742	759	770	786	819	843
Ohio	7,675	7,903	8,226	8,381	8,593	8,987	9,296
Oklahoma	2,417	2,491	2,586	2,641	2,714	2,844	2,952
Oregon	1,690	1,744	1,819	1,858	1,911	2,005	2,078
Pennsylvania	13,842	14,167	14,736	15,019	15,393	16,103	16,629
Rhode Island	586	602	627	638	654	683	705
South Carolina	2,467	2,537	2,634	2,674	2,740	2,869	2,959
South Dakota	372	379	394	400	409	427	440
Tennessee	3,525	3,636	3,784	3,845	3,931	4,102	4,233
Texas	13,250	13,673	14,232	14,523	14,919	15,660	16,208
Utah	1,463	1,509	1,573	1,606	1,652	1,737	1,798
Vermont	975	994	1,034	1,052	1,076	1,126	1,161
Virginia	11,280	11,609	12,099	12,342	12,661	13,238	13,671
Washington	3,475	3,633	3,830	3,929	4,062	4,282	4,440
West Virginia	1,150	1,173	1,216	1,235	1,262	1,316	1,355
Wisconsin	2,997	3,083	3,204	3,262	3,350	3,504	3,630
Wyoming	361	363	374	378	385	401	410
U.S. Total	193,811	199,931	208,386	212,335	217,814	228,066	235,692

Source: RDEPPS calculations

Table 10.
Projections of Induced Defense Purchases Resulting from Direct Pay, by State
(Millions of 2004 dollars)

State	2003	2004	2005	2006	2007	2008	2009
Alabama	1,850	1,870	1,877	1,864	1,849	1,862	1,861
Alaska	542	547	549	544	540	543	542
Arizona	1,434	1,450	1,456	1,447	1,437	1,448	1,447
Arkansas	806	812	813	805	797	802	799
California	9,860	9,967	10,011	9,945	9,873	9,951	9,946
Colorado	1,719	1,737	1,745	1,733	1,719	1,731	1,728
Connecticut	643	650	652	649	644	648	648
Delaware	290	293	294	292	289	291	290
District of Columbia	700	707	711	705	700	705	704
Florida	4,839	4,892	4,917	4,884	4,849	4,888	4,886
Georgia	3,698	3,738	3,754	3,727	3,698	3,725	3,720
Hawaii	1,439	1,454	1,461	1,451	1,440	1,451	1,449
Idaho	350	353	354	351	348	350	349
Illinois	2,678	2,703	2,713	2,689	2,665	2,681	2,674
Indiana	1,275	1,289	1,292	1,284	1,273	1,281	1,281
Iowa	514	517	518	512	506	508	505
Kansas	1,009	1,017	1,020	1,012	1,002	1,008	1,006
Kentucky	1,556	1,572	1,579	1,567	1,554	1,564	1,562
Louisiana	1,186	1,196	1,199	1,187	1,176	1,183	1,179
Maine	466	471	473	469	466	469	469
Maryland	2,366	2,391	2,402	2,384	2,366	2,383	2,380
Massachusetts	1,026	1,037	1,043	1,036	1,028	1,036	1,035
Michigan	1,710	1,731	1,734	1,728	1,712	1,725	1,727
Minnesota	798	805	807	800	792	796	793
Mississippi	1,194	1,205	1,209	1,160	1,151	1,159	1,157
Missouri	1,581	1,596	1,602	1,589	1,575	1,586	1,583
Montana	222	224	225	223	221	222	222
Nebraska	586	590	591	585	579	581	579
Nevada	553	560	563	559	555	560	560
New Hampshire	259	262	263	261	259	261	261
New Jersey	1,770	1,789	1,797	1,783	1,769	1,781	1,777
New Mexico	728	735	738	732	727	732	731
New York	2,572	2,600	2,613	2,597	2,580	2,601	2,600
North Carolina	3,671	3,706	3,719	3,688	3,658	3,684	3,678
North Dakota	274	276	277	275	272	274	273
Ohio	2,425	2,451	2,459	2,441	2,420	2,436	2,433
Oklahoma	1,586	1,601	1,607	1,594	1,580	1,591	1,588
Oregon	618	624	626	621	616	620	619
Pennsylvania	2,553	2,577	2,585	2,563	2,541	2,558	2,553
Rhode Island	361	365	367	365	362	366	366
South Carolina	1,797	1,817	1,826	1,813	1,800	1,815	1,814
South Dakota	220	222	223	221	219	220	220
Tennessee	1,348	1,363	1,369	1,360	1,350	1,360	1,360
Texas	7,011	7,082	7,107	7,050	6,992	7,040	7,028
Utah	767	776	779	774	768	774	773
Vermont	118	119	120	119	118	118	118
Virginia	6,986	7,058	7,089	7,033	6,977	7,027	7,017
Washington	2,841	2,870	2,881	2,860	2,837	2,858	2,855
West Virginia	258	260	261	258	256	258	257
Wisconsin	904	912	914	906	897	902	900
Wyoming	165	167	167	165	164	165	165
U.S. Total	86,120	87,007	87,354	86,659	85,965	86,572	86,467

Source: RDEPPS calculations

SECTION II: PROJECTIONS FOR SELECTED INDUSTRIES (IDEPPS)

The tables in this section show projected defense and defense-related purchases from the 50 manufacturing industries projected to lead in defense production in calendar year 2003. A separate table is provided for each industry.

The upper portion of each table provides projections of direct and indirect defense purchases for calendar years 2003 to 2009. The lower portion shows the indirect sales resulting from defense expenditures by 11 industrial groupings.

Although IDEPPS, the detailed interindustry model, forecasts defense demands by 320 industries, only 50 are presented in this section. In addition, tables showing the defense budget sources of purchases are provided for the 10 industries leading in defense production in 2003. The list of 320 IDEPPS industries is displayed in the Appendix.

**Projected Defense Purchases of
Aircraft**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	13,020	13,803	13,962	13,873	14,327	13,821	13,919
Indirect Purchases	63	71	74	79	86	95	100
Total:	13,083	13,874	14,036	13,952	14,413	13,916	14,019

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	2	2	2	3	3	3	3
Aircraft Parts	50	56	59	62	69	76	80
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	2	2	3	3	4	4	4
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	9	10	10	11	11	12	12
Total:	63	71	74	79	86	95	100

Note: Numbers may not add to totals due to rounding.

Sources of Projected Defense Purchases of Aircraft

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	0	0	0	0	0	0	0
Operations & Maintenance ^a	41	39	39	39	39	40	40
Procurement							
Aircraft	8,762	9,206	9,116	9,030	9,547	9,003	9,068
Missiles	14	11	11	11	11	11	12
Weapons and Tracked Vehicles	30	45	49	62	94	124	124
Shipbuilding	12	11	13	17	16	17	19
Ammunition	0	0	0	0	0	0	0
Other	158	173	174	169	172	175	176
Total Procurement	8,976	9,446	9,363	9,290	9,841	9,329	9,400
RDT&E	4,052	4,376	4,625	4,613	4,523	4,536	4,568
Military Construction	12	11	8	8	8	8	8
Family Housing	2	2	2	2	2	2	2
Total:	13,083	13,874	14,036	13,952	14,413	13,916	14,019

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,834	9,932	10,356	10,963	12,091	13,373	13,994
Indirect Purchases	2,575	2,792	3,006	3,192	3,460	3,736	3,914
Total:	11,409	12,724	13,362	14,155	15,551	17,109	17,907
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	573	633	678	710	762	835	880
Aircraft Parts	503	534	551	587	644	706	748
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	644	696	781	872	997	1,077	1,135
Motor Vehicles	0	0	0	0	0	1	1
Shipbuilding	0	0	0	0	0	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	851	925	991	1,017	1,051	1,112	1,144
Total:	2,575	2,792	3,006	3,192	3,460	3,736	3,914

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	40	38	43	41	41	45	46
Operations & Maintenance ^a	696	658	632	616	620	645	664
Procurement							
Aircraft	4,582	5,245	5,352	5,904	6,982	8,129	8,692
Missiles	641	651	703	759	785	791	858
Weapons and Tracked Vehicles	129	194	210	267	403	528	530
Shipbuilding	28	26	33	42	40	42	48
Ammunition	2	3	3	3	3	4	4
Other	2,320	2,642	2,907	3,047	3,301	3,591	3,739
Total Procurement	7,703	8,762	9,207	10,023	11,516	13,086	13,872
RDT&E	2,905	3,203	3,417	3,407	3,303	3,261	3,258
Military Construction	18	17	14	15	15	16	17
Family Housing	47	47	49	53	56	55	51
Total:	11,409	12,724	13,362	14,155	15,551	17,109	17,907

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Aircraft and Missile Engines, Propulsion Units, and Parts**
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,553	8,179	8,603	8,915	9,463	10,269	10,726
Indirect Purchases	3,387	3,640	3,908	4,081	4,331	4,661	4,857
Total:	10,940	11,819	12,511	12,996	13,793	14,930	15,583
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1,320	1,445	1,534	1,597	1,703	1,856	1,945
Aircraft Parts	93	107	114	123	137	154	163
Ammunition	3	4	4	4	4	5	5
Communication Equipment	9	10	11	11	11	12	13
Missiles	305	334	379	425	489	531	562
Motor Vehicles	2	2	2	2	2	3	3
Shipbuilding	2	2	2	3	2	3	3
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	5	6	6	7	7	7	8
Other Ordinances	1	1	1	1	1	1	1
Other	1,646	1,729	1,854	1,907	1,972	2,089	2,153
Total:	3,387	3,640	3,908	4,081	4,331	4,661	4,857

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Aircraft and Missile Engines, Propulsion Units, and Parts**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	171	146	164	159	158	173	176
Operations & Maintenance ^a	541	513	493	485	500	521	533
Procurement							
Aircraft	3,272	3,623	3,831	4,247	5,001	5,904	6,354
Missiles	200	188	190	198	208	209	227
Weapons and Tracked Vehicles	12	14	15	18	27	35	36
Shipbuilding	14	13	16	20	20	21	24
Ammunition	1	1	1	1	1	1	1
Other	259	312	356	396	461	517	545
Total Procurement	3,757	4,151	4,409	4,880	5,719	6,688	7,189
RDT&E	6,456	6,994	7,431	7,456	7,400	7,531	7,669
Military Construction	6	6	5	6	7	7	7
Family Housing	9	9	10	11	11	11	10
Total:	10,940	11,819	12,511	12,996	13,793	14,930	15,583

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Semiconductors and Related Devices**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	202	228	223	225	229	239	246
Indirect Purchases	5,815	6,360	6,836	7,191	7,591	8,183	8,759
Total:	6,018	6,589	7,059	7,415	7,819	8,421	9,005
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	33	39	44	48	53	61	67
Aircraft Parts	196	229	249	274	314	360	390
Ammunition	204	237	259	276	287	311	358
Communication Equipment	1,050	1,169	1,246	1,301	1,368	1,479	1,596
Missiles	69	78	91	105	124	138	150
Motor Vehicles	39	34	33	35	41	47	55
Shipbuilding	20	19	23	29	29	32	34
Tanks	2	2	2	2	2	2	3
Other Electronic Equipment	331	366	393	412	441	482	522
Other Ordinances	17	20	23	25	27	30	31
Other	3,853	4,167	4,472	4,684	4,905	5,241	5,552
Total:	5,815	6,360	6,836	7,191	7,591	8,183	8,759

Note: Numbers may not add to totals due to rounding.

Sources of Projected Defense Purchases of Semiconductors and Related Devices

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	105	11	138	140	144	160	167
Operations & Maintenance ^a	1,729	1,714	1,784	1,874	1,963	2,095	2,228
Procurement							
Aircraft	581	673	705	745	856	985	1,096
Missiles	131	137	159	179	194	206	228
Weapons and Tracked Vehicles	43	40	39	42	55	70	78
Shipbuilding	134	128	156	170	163	190	227
Ammunition	3	4	4	4	4	4	5
Other	1,192	1,399	1,470	1,567	1,693	1,843	1,973
Total Procurement	2,084	2,381	2,532	2,707	2,965	3,298	3,607
RDT&E	2,033	2,307	2,541	2,622	2,662	2,773	2,907
Military Construction	29	27	25	30	39	46	47
Family Housing	38	38	39	43	46	49	50
Total:	6,018	6,589	7,059	7,415	7,819	8,421	9,005

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Shipbuilding and Repairing**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,110	6,457	7,418	8,905	8,464	8,998	9,382
Indirect Purchases	69	70	75	77	76	80	81
Total:	7,179	6,528	7,493	8,982	8,540	9,078	9,463
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	16	15	17	20	19	20	21
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	53	55	57	56	56	58	59
Total:	69	70	75	77	76	80	81

Note: Numbers may not add to totals due to rounding.

Sources of Projected Defense Purchases of Shipbuilding and Repairing

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	19	23	25	24	24	26	26
Operations & Maintenance ^a	524	484	478	475	471	480	486
Procurement							
Aircraft	91	100	102	101	112	135	156
Missiles	44	52	66	75	84	93	98
Weapons and Tracked Vehicles	27	23	20	21	25	31	36
Shipbuilding	5,415	4,699	5,596	7,104	6,722	7,285	7,682
Ammunition	0	1	1	1	1	1	1
Other	25	21	20	21	24	22	25
Total Procurement	5,602	4,895	5,805	7,322	6,967	7,567	7,997
RDT&E	1,032	1,124	1,183	1,158	1,076	1,002	951
Military Construction	1	2	1	2	2	3	3
Family Housing	0	0	0	0	0	0	0
Total:	7,179	6,528	7,493	8,982	8,540	9,078	9,463

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Radio and TV Broadcasting and Communication Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,759	5,147	5,256	5,363	5,449	5,669	5,885
Indirect Purchases	1,034	1,095	1,140	1,186	1,263	1,290	1,337
Total:	5,793	6,242	6,396	6,549	6,713	6,960	7,222
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	1	1	1	1	1
Aircraft Parts	3	3	3	4	4	4	5
Ammunition	0	0	0	0	0	0	1
Communication Equipment	600	626	625	627	648	630	646
Missiles	258	279	313	349	399	431	455
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	10	9	11	13	12	13	14
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	4	4	5	5	5	5	6
Other Ordinances	0	0	0	0	0	0	0
Other	158	172	183	187	194	205	211
Total:	1,034	1,095	1,140	1,186	1,263	1,290	1,337

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Radio and TV Broadcasting and Communication Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	4	4	4	4	4	5	5
Operations & Maintenance ^a	829	780	778	783	780	811	850
Procurement							
Aircraft	727	784	783	795	868	934	1,012
Missiles	226	241	284	317	351	380	402
Weapons and Tracked Vehicles	3	3	3	3	4	5	5
Shipbuilding	23	21	26	31	30	32	36
Ammunition	1	2	2	2	2	2	3
Other	1,898	2,152	2,137	2,238	2,344	2,453	2,553
Total Procurement	2,878	3,203	3,235	3,387	3,599	3,807	4,011
RDT&E	2,031	2,208	2,340	2,333	2,284	2,288	2,308
Military Construction	36	32	25	26	28	30	31
Family Housing	15	15	15	17	18	18	18
Total:	5,793	6,242	6,396	6,549	6,713	6,960	7,222

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Electronic Components, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,967	2,082	2,149	2,192	2,299	2,482	2,628
Indirect Purchases	3,583	3,842	4,002	4,074	4,204	4,429	4,642
Total:	5,550	5,924	6,150	6,266	6,503	6,910	7,270
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	21	24	26	28	30	33	35
Aircraft Parts	193	218	229	244	270	300	317
Ammunition	82	93	98	102	103	109	122
Communication Equipment	1,201	1,290	1,331	1,342	1,366	1,435	1,506
Missiles	138	149	166	185	211	227	239
Motor Vehicles	8	7	6	6	7	8	9
Shipbuilding	7	6	8	9	9	9	10
Tanks	0	1	1	1	1	1	1
Other Electronic Equipment	346	372	389	394	405	430	451
Other Ordinances	2	2	3	3	3	3	3
Other	1,584	1,683	1,746	1,762	1,799	1,873	1,948
Total:	3,583	3,842	4,002	4,074	4,204	4,429	4,642

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Electronic Components, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	44	51	56	55	55	59	60
Operations & Maintenance ^a	842	801	800	807	814	852	896
Procurement							
Aircraft	841	953	956	959	1,108	1,299	1,432
Missiles	279	278	311	341	360	383	415
Weapons and Tracked Vehicles	80	55	44	39	48	51	50
Shipbuilding	191	176	208	227	209	233	272
Ammunition	13	17	19	17	18	19	20
Other	1,485	1,662	1,705	1,763	1,852	1,944	2,016
Total Procurement	2,889	3,141	3,244	3,347	3,594	3,928	4,204
RDT&E	1,732	1,890	2,012	2,015	1,992	2,022	2,062
Military Construction	15	14	12	13	16	18	18
Family Housing	28	27	27	29	30	31	30
Total:	5,550	5,924	6,150	6,266	6,503	6,910	7,270

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Search and Navigation Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,378	5,673	5,881	5,780	5,823	6,180	6,517
Indirect Purchases	116	124	131	135	139	147	151
Total:	5,494	5,797	6,012	5,915	5,962	6,327	6,668
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	13	14	15	15	16	18	19
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	0	0	0	0	0	0	0
Communication Equipment	10	10	11	10	10	11	12
Missiles	4	4	5	5	6	6	7
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	6	6	7	8	8	8	8
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	82	89	94	95	98	102	104
Total:	116	124	131	135	139	147	151

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Search and Navigation Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	4	5	5	5	5	5	5
Operations & Maintenance ^a	310	294	293	292	292	297	299
Procurement							
Aircraft	887	906	914	908	1,007	1,172	1,279
Missiles	252	257	279	308	329	349	380
Weapons and Tracked Vehicles	38	60	65	84	120	147	149
Shipbuilding	658	603	654	455	366	501	644
Ammunition	1	2	2	2	2	2	2
Other	1,350	1,517	1,531	1,608	1,660	1,701	1,771
Total Procurement	3,186	3,345	3,445	3,365	3,484	3,873	4,224
RDT&E	1,958	2,122	2,241	2,225	2,152	2,122	2,111
Military Construction	21	18	13	14	14	14	15
Family Housing	14	14	14	15	16	16	14
Total:	5,494	5,797	6,012	5,915	5,962	6,327	6,668

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Guided Missiles and Space Vehicles**
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,002	5,182	5,655	6,245	7,035	7,525	7,932
Indirect Purchases	154	165	182	201	228	245	257
Total:	5,156	5,348	5,837	6,447	7,263	7,770	8,188

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	16	18	19	20	23	25	26
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	136	145	161	179	203	218	228
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	1	1	1	1	1	1	1
Total:	154	165	182	201	228	245	257

Note: Numbers may not add to totals due to rounding.

Sources of Projected Defense Purchases of Guided Missiles and Space Vehicles

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	0	0	0	0	0	0	0
Operations & Maintenance ^a	27	26	26	27	28	29	33
Procurement							
Aircraft	35	40	41	41	47	56	61
Missiles	1,633	1,459	1,552	1,689	1,814	1,907	2,042
Weapons and Tracked Vehicles	4	3	3	2	2	3	2
Shipbuilding	63	58	72	93	89	92	105
Ammunition	6	10	11	10	11	11	12
Other	1,465	1,662	1,920	2,375	3,107	3,500	3,746
Total Procurement	3,206	3,233	3,598	4,210	5,070	5,570	5,967
RDT&E	1,922	2,087	2,210	2,206	2,163	2,168	2,186
Military Construction	0	0	0	0	1	1	1
Family Housing	2	2	2	2	2	2	2
Total:	5,156	5,348	5,837	6,447	7,263	7,770	8,188

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Petroleum Refining, Except Fuel Oil**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	279	233	114	21	12	19	16
Indirect Purchases	4,310	4,282	4,422	4,447	4,515	4,714	4,811
Total:	4,589	4,515	4,536	4,468	4,527	4,733	4,827

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	67	74	79	82	88	96	101
Aircraft Parts	73	82	86	91	100	111	116
Ammunition	51	59	63	64	65	67	74
Communication Equipment	91	97	101	101	103	108	114
Missiles	15	17	19	21	25	27	28
Motor Vehicles	31	26	25	25	28	30	34
Shipbuilding	54	49	56	67	63	67	70
Tanks	8	9	9	9	9	8	8
Other Electronic Equipment	71	76	80	80	82	86	89
Other Ordinances	7	8	8	8	8	8	8
Other	3,843	3,785	3,898	3,899	3,946	4,106	4,168
Total:	4,310	4,281	4,422	4,447	4,515	4,715	4,811

Note: Numbers may not add to totals due to rounding.

**Sources of Projected Defense Purchases of
Petroleum Refining, Except Fuel Oil**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	904	902	982	939	915	985	988
Operations & Maintenance ^a	2,341	2,172	2,043	1,978	2,007	2,065	2,090
Procurement							
Aircraft	277	305	307	312	346	375	399
Missiles	30	30	33	35	36	35	38
Weapons and Tracked Vehicles	35	30	27	27	32	39	43
Shipbuilding	85	76	92	110	105	114	124
Ammunition	2	2	2	2	2	2	2
Other	237	261	273	282	298	316	328
Total Procurement	665	704	733	768	819	880	934
RDT&E	611	670	714	712	700	707	719
Military Construction	36	35	33	39	53	62	63
Family Housing	32	31	30	32	33	34	34
Total:	4,589	4,515	4,536	4,468	4,527	4,733	4,827

^a Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Ammunition, Except Small Arms**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,405	3,786	3,990	4,083	4,095	4,288	4,779
Indirect Purchases	207	230	242	248	249	260	290
Total:	3,612	4,016	4,232	4,331	4,344	4,549	5,069

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Ammunition	207	230	242	248	249	260	290
Total:	207	230	242	248	249	260	290

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Miscellaneous Plastic Products**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	83	112	125	128	131	136	140
Indirect Purchases	3,752	3,885	4,027	4,102	4,239	4,440	4,623
Total:	3,835	3,998	4,152	4,230	4,370	4,576	4,763
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	49	55	59	62	67	73	78
Aircraft Parts	78	88	93	100	111	124	131
Ammunition	52	64	68	70	72	75	83
Communication Equipment	230	249	260	264	271	287	305
Missiles	49	54	60	67	77	83	88
Motor Vehicles	95	80	76	77	88	97	110
Shipbuilding	32	29	34	41	39	42	44
Tanks	10	10	11	11	11	10	10
Other Electronic Equipment	404	433	453	463	484	522	553
Other Ordinances	5	5	6	6	6	6	6
Other	2,748	2,817	2,907	2,942	3,014	3,120	3,215
Total:	3,752	3,885	4,027	4,103	4,239	4,440	4,623

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Electron Tubes**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	2,657	2,864	3,030	3,033	3,025	3,116	3,197
Indirect Purchases	173	186	194	199	206	219	230
Total:	2,831	3,050	3,224	3,231	3,232	3,335	3,427

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	2	2	2	2	2
Aircraft Parts	8	9	9	10	11	13	13
Ammunition	1	2	2	2	2	2	2
Communication Equipment	42	45	47	48	50	53	56
Missiles	3	4	4	5	5	6	6
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	0	0	0	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	29	32	33	34	35	36	38
Other Ordinances	0	0	0	0	0	0	0
Other	87	92	95	97	100	105	110
Total:	173	186	194	199	206	219	230

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Electronic Computers**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,233	2,298	2,276	2,298	2,335	2,409	2,452
Indirect Purchases	667	688	695	703	716	742	761
Total:	2,900	2,986	2,970	3,001	3,051	3,151	3,213
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	2	2	2	2	2	2	2
Aircraft Parts	2	2	2	2	2	3	3
Ammunition	1	1	1	1	1	1	1
Communication Equipment	91	97	101	100	101	107	112
Missiles	2	2	2	2	3	3	3
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	7	7	8	8	8	8	9
Other Ordinances	0	0	0	0	0	0	0
Other	562	576	579	587	597	617	630
Total:	667	688	695	703	716	742	761

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Commercial Printing**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	523	477	485	504	516	530	539
Indirect Purchases	2,428	2,474	2,555	2,593	2,647	2,750	2,826
Total:	2,950	2,951	3,039	3,096	3,163	3,280	3,365
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	62	69	73	76	81	88	93
Aircraft Parts	59	67	70	74	82	90	95
Ammunition	44	51	54	55	55	58	64
Communication Equipment	101	108	112	112	114	119	125
Missiles	20	22	24	27	31	34	36
Motor Vehicles	21	18	17	17	19	21	23
Shipbuilding	24	22	25	30	28	30	31
Tanks	5	5	5	5	5	5	5
Other Electronic Equipment	29	31	33	33	34	36	38
Other Ordinances	6	6	6	6	6	7	7
Other	2,057	2,076	2,136	2,157	2,191	2,262	2,310
Total:	2,428	2,474	2,555	2,593	2,647	2,750	2,826

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Industrial Trucks, Tractors, Trailers, and Stackers**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	1,937	2,099	2,226	2,175	2,198	2,243	2,354
Indirect Purchases	159	170	180	177	180	184	193
Total:	2,095	2,269	2,406	2,352	2,378	2,428	2,547

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1	1
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	153	164	174	171	173	177	185
Total:	159	170	180	177	180	184	193

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Telephones, Switchboards, Modems, Faxes, Etc.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,626	1,809	1,862	1,830	1,869	1,930	2,047
Indirect Purchases	216	220	222	223	228	234	240
Total:	1,842	2,029	2,084	2,054	2,096	2,165	2,287
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	2	2	2	2
Aircraft Parts	2	2	2	2	2	3	3
Ammunition	1	1	1	1	1	1	1
Communication Equipment	3	3	3	3	3	3	3
Missiles	1	1	1	1	1	1	1
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	207	210	211	212	216	222	227
Total:	216	220	222	223	228	234	240

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Steel Mills, Blast Furnaces, and Rolling and Finishing Mills**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	121	121	104	94	90	77	75
Indirect Purchases	1,857	1,851	1,911	1,975	1,984	2,049	2,112
Total:	1,978	1,972	2,014	2,069	2,074	2,126	2,187
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	68	74	77	78	82	88	91
Aircraft Parts	71	78	80	83	90	98	102
Ammunition	96	109	112	113	111	114	124
Communication Equipment	130	135	137	134	133	138	144
Missiles	9	9	11	12	13	14	15
Motor Vehicles	94	79	72	71	78	84	93
Shipbuilding	288	258	290	343	321	336	346
Tanks	24	24	24	24	23	22	22
Other Electronic Equipment	47	49	51	50	50	52	53
Other Ordinances	24	26	26	25	25	25	25
Other	1,007	1,010	1,030	1,042	1,056	1,075	1,098
Total:	1,857	1,851	1,911	1,975	1,984	2,049	2,112

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Industrial Organic Chemicals**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	23	24	25	26	27	29	29
Indirect Purchases	1,792	1,858	1,915	1,927	1,960	2,034	2,086
Total:	1,816	1,882	1,940	1,953	1,988	2,063	2,115
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	37	41	43	45	47	51	53
Aircraft Parts	58	64	67	70	77	85	89
Ammunition	28	33	35	36	36	38	41
Communication Equipment	96	104	108	109	111	117	124
Missiles	14	15	17	19	21	23	24
Motor Vehicles	36	30	27	28	31	34	37
Shipbuilding	30	27	31	36	34	36	37
Tanks	7	7	8	7	7	7	7
Other Electronic Equipment	127	135	140	140	143	150	155
Other Ordinances	3	4	4	4	4	4	4
Other	1,355	1,397	1,436	1,433	1,449	1,490	1,513
Total:	1,792	1,858	1,916	1,927	1,960	2,034	2,086

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Miscellaneous Fabricated Textile Products**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,248	1,503	1,624	1,608	1,627	1,713	1,729
Indirect Purchases	299	313	324	326	337	352	365
Total:	1,547	1,815	1,948	1,933	1,964	2,066	2,095
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	2	2	2
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	0	0	0	0	0	0	1
Motor Vehicles	54	45	42	44	51	57	65
Shipbuilding	17	16	18	22	21	23	24
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	222	245	256	252	257	264	267
Total:	299	313	324	326	337	352	365

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Surgical Appliances and Supplies**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,241	1,445	1,504	1,465	1,458	1,521	1,527
Indirect Purchases	77	84	87	87	87	91	93
Total:	1,317	1,530	1,591	1,552	1,546	1,613	1,620
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	1	1	1	1	1	1
Aircraft Parts	0	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	71	78	80	79	80	83	84
Total:	77	84	87	87	87	91	93

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Apparel**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,032	1,226	1,299	1,217	1,194	1,290	1,294
Indirect Purchases	240	269	282	271	269	286	289
Total:	1,272	1,495	1,581	1,488	1,462	1,575	1,584
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	1	1	1	2
Aircraft Parts	2	3	3	3	3	4	4
Ammunition	10	11	12	12	12	12	14
Communication Equipment	6	6	6	6	6	7	7
Missiles	0	0	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	216	243	255	244	241	256	257
Total:	240	269	282	271	269	286	289

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	32	33	32	33	33	35	35
Indirect Purchases	1,326	1,403	1,463	1,500	1,566	1,647	1,717
Total:	1,358	1,436	1,496	1,533	1,599	1,682	1,752
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	285	312	332	345	368	402	421
Aircraft Parts	85	96	101	107	119	132	139
Ammunition	15	17	19	19	20	21	23
Communication Equipment	104	112	117	119	122	129	137
Missiles	13	15	18	20	24	26	28
Motor Vehicles	6	5	5	5	5	6	7
Shipbuilding	28	25	29	34	33	35	36
Tanks	42	43	44	44	43	42	42
Other Electronic Equipment	106	114	119	121	123	129	135
Other Ordinances	2	2	2	2	2	2	2
Other	640	661	679	684	707	724	747
Total:	1,326	1,403	1,463	1,500	1,566	1,647	1,717

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Fuel Oil**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	50	41	20	3	1	3	2
Indirect Purchases	1,273	1,315	1,359	1,345	1,347	1,409	1,426
Total:	1,322	1,356	1,379	1,348	1,349	1,412	1,428
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	21	23	25	26	27	29	31
Aircraft Parts	19	22	23	24	26	29	30
Ammunition	12	14	15	15	15	16	17
Communication Equipment	23	25	25	25	26	27	28
Missiles	4	4	5	5	6	7	7
Motor Vehicles	10	9	8	8	9	10	11
Shipbuilding	16	14	16	19	18	19	20
Tanks	3	3	3	3	3	3	3
Other Electronic Equipment	20	21	22	22	23	24	24
Other Ordinances	2	2	2	2	2	2	2
Other	1,142	1,177	1,216	1,195	1,192	1,244	1,253
Total:	1,273	1,314	1,359	1,345	1,348	1,409	1,426

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Pipes, Valves, and Pipe Fittings**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	366	403	407	409	424	433	451
Indirect Purchases	806	809	863	909	925	963	998
Total:	1,172	1,212	1,270	1,319	1,348	1,396	1,449
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	7	8	8	9	10	11
Aircraft Parts	23	26	27	29	32	35	37
Ammunition	4	4	4	5	5	5	5
Communication Equipment	8	9	9	9	10	10	11
Missiles	2	3	3	3	4	4	5
Motor Vehicles	6	6	5	5	6	7	8
Shipbuilding	151	138	160	194	185	198	207
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	7	7	8	8	8	9	9
Other Ordinances	1	1	1	1	1	1	1
Other	597	607	636	646	665	684	704
Total:	806	809	863	909	925	963	998

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Paper Mills, Including Building Paper**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	10	10	10	10	10	10
Indirect Purchases	1,200	1,200	1,230	1,244	1,262	1,302	1,328
Total:	1,210	1,211	1,240	1,254	1,272	1,312	1,338
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	26	28	29	30	32	35	36
Aircraft Parts	24	27	28	30	32	36	37
Ammunition	18	21	22	22	22	23	25
Communication Equipment	42	45	46	46	46	48	50
Missiles	8	9	10	11	13	14	14
Motor Vehicles	9	7	7	7	8	8	9
Shipbuilding	11	10	11	13	12	13	14
Tanks	2	2	2	2	2	2	2
Other Electronic Equipment	14	15	16	16	16	17	18
Other Ordinances	2	3	3	3	3	3	3
Other	1,044	1,034	1,056	1,064	1,076	1,104	1,120
Total:	1,200	1,200	1,230	1,244	1,262	1,302	1,328

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Motor Vehicles and Passenger Car Bodies**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,407	1,162	1,084	1,120	1,295	1,438	1,636
Indirect Purchases	20	17	16	17	19	21	24
Total:	1,427	1,179	1,100	1,137	1,314	1,459	1,660
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	18	15	14	14	16	18	21
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	2	2	2	2	3	3	3
Total:	20	17	16	17	19	21	24

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Plastics Materials and Resins**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	3	3	3	3	3	3
Indirect Purchases	1,124	1,173	1,211	1,225	1,261	1,316	1,358
Total:	1,127	1,175	1,213	1,228	1,263	1,318	1,361
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	24	27	29	30	32	35	37
Aircraft Parts	55	62	64	68	75	82	86
Ammunition	18	22	23	23	24	25	27
Communication Equipment	62	67	69	70	71	75	79
Missiles	13	15	17	18	21	23	24
Motor Vehicles	30	25	23	23	26	29	32
Shipbuilding	14	13	15	18	17	18	18
Tanks	6	6	6	6	6	6	6
Other Electronic Equipment	97	104	108	109	113	121	127
Other Ordinances	1	2	2	2	2	2	2
Other	803	832	856	858	874	901	919
Total:	1,124	1,173	1,211	1,225	1,261	1,316	1,358

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Computer Peripheral Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	557	566	569	578	589	606	617
Indirect Purchases	571	587	594	603	615	637	652
Total:	1,128	1,152	1,163	1,181	1,204	1,243	1,269
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	6	7	8	8	8	9	10
Aircraft Parts	6	7	7	7	8	9	10
Ammunition	1	1	1	1	1	1	2
Communication Equipment	9	9	10	10	10	11	12
Missiles	1	1	1	1	2	2	2
Motor Vehicles	0	0	0	0	0	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	3	3	3
Other Ordinances	0	0	0	0	0	0	0
Other	544	557	563	571	581	600	612
Total:	571	587	594	603	615	637	652

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Tanks and Tank Components**
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,273	1,137	1,089	1,010	1,025	1,011	1,031
Indirect Purchases	8	8	8	8	8	8	8
Total:	1,281	1,145	1,097	1,019	1,034	1,019	1,039
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Tanks	8	8	8	8	8	8	8
Total:	8	8	8	8	8	8	8

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Newspaper Publishing and Printing**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	15	14	14	15	16	16	16
Indirect Purchases	1,142	1,128	1,126	1,111	1,106	1,115	1,114
Total:	1,157	1,142	1,141	1,127	1,122	1,131	1,131
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	50	54	55	56	58	61	62
Aircraft Parts	45	49	50	51	55	59	60
Ammunition	36	40	41	41	40	40	43
Communication Equipment	77	79	79	77	76	77	79
Missiles	16	16	18	19	22	23	23
Motor Vehicles	15	12	11	11	12	12	13
Shipbuilding	14	12	14	16	15	15	15
Tanks	3	3	3	3	3	3	2
Other Electronic Equipment	15	16	16	16	16	16	17
Other Ordinances	4	5	5	4	4	4	4
Other	867	842	835	818	807	804	795
Total:	1,142	1,128	1,126	1,111	1,106	1,115	1,114

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Periodical Publishing and Printing**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	105	121	131	132	133	139	139
Indirect Purchases	964	989	1,025	1,044	1,072	1,115	1,150
Total:	1,069	1,110	1,157	1,176	1,205	1,254	1,289
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	37	41	44	46	49	54	57
Aircraft Parts	34	38	40	42	47	52	55
Ammunition	27	31	33	34	34	36	40
Communication Equipment	60	64	66	67	68	71	75
Missiles	12	14	15	17	20	21	23
Motor Vehicles	11	9	9	9	10	11	13
Shipbuilding	12	11	12	15	14	15	15
Tanks	2	2	3	3	2	2	2
Other Electronic Equipment	14	15	15	16	16	17	18
Other Ordinances	4	4	4	4	4	4	4
Other	751	759	783	792	807	831	849
Total:	964	988	1,025	1,044	1,072	1,115	1,150

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Metal Plating, Polishing, and Coating**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	18	17	17	20	18	19	19
Indirect Purchases	991	1,061	1,112	1,145	1,196	1,274	1,346
Total:	1,010	1,078	1,129	1,165	1,215	1,294	1,365
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	71	78	84	87	93	102	108
Aircraft Parts	66	74	78	83	93	103	109
Ammunition	42	49	52	53	54	57	64
Communication Equipment	164	178	185	188	193	205	217
Missiles	17	19	21	24	28	31	33
Motor Vehicles	18	15	14	14	16	17	20
Shipbuilding	11	10	11	13	13	13	14
Tanks	2	2	2	2	2	2	2
Other Electronic Equipment	180	193	200	204	213	228	241
Other Ordinances	10	11	11	11	11	11	11
Other	411	434	454	464	481	504	527
Total:	991	1,061	1,112	1,145	1,196	1,274	1,346

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Fabricated Metal Products, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	492	496	490	488	495	516	519
Indirect Purchases	523	555	574	582	588	611	644
Total:	1,016	1,051	1,063	1,070	1,083	1,128	1,164

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	8	9	10	10	11	12	12
Aircraft Parts	12	13	14	14	16	18	18
Ammunition	187	212	223	227	228	237	262
Communication Equipment	39	42	43	43	43	45	47
Missiles	2	2	3	3	3	4	4
Motor Vehicles	4	3	3	3	4	4	4
Shipbuilding	15	14	15	18	17	18	19
Tanks	13	13	13	13	13	13	13
Other Electronic Equipment	15	16	17	17	17	17	18
Other Ordinances	31	33	33	32	32	33	33
Other	197	198	201	201	204	211	215
Total:	523	555	574	582	588	611	644

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Glass and Glass Products, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	10	11	13	15	20	27
Indirect Purchases	991	1,036	1,085	1,091	1,098	1,137	1,169
Total:	1,001	1,045	1,096	1,105	1,114	1,157	1,196
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	6	6	6	7	7
Aircraft Parts	9	10	11	11	12	14	15
Ammunition	3	4	4	4	4	4	5
Communication Equipment	21	22	23	24	24	26	27
Missiles	3	3	4	4	5	5	5
Motor Vehicles	19	16	15	15	18	20	22
Shipbuilding	8	7	8	9	9	10	10
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	605	652	689	689	686	706	724
Other Ordinances	1	1	1	1	1	1	1
Other	316	315	325	328	333	345	354
Total:	991	1,036	1,085	1,091	1,098	1,137	1,169

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Motor Vehicle Parts and Accessories**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	412	360	335	319	339	362	396
Indirect Purchases	730	660	646	658	711	765	828
Total:	1,142	1,020	982	977	1,050	1,126	1,224
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	4	4	4	5	5	5	6
Aircraft Parts	4	4	4	5	5	6	6
Ammunition	3	3	4	4	4	4	4
Communication Equipment	6	7	7	7	7	8	8
Missiles	1	1	2	2	2	2	2
Motor Vehicles	433	361	336	344	393	433	488
Shipbuilding	4	4	4	5	5	5	5
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	5	5	6	6	6	6	6
Other Ordinances	1	1	1	1	1	1	1
Other	268	269	278	280	284	294	300
Total:	730	660	646	658	711	765	828

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Electrical Machinery, Equipment and Supplies, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	947	981	998	983	975	999	1,025
Indirect Purchases	25	26	27	27	27	29	30
Total:	972	1,006	1,024	1,009	1,002	1,028	1,055

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	8	8	9	8	9	9	10
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	16	16	17	17	17	18	19
Total:	25	26	27	27	27	29	30

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Measuring Devices and Environmental Controls**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	570	578	591	609	653	702	726
Indirect Purchases	363	381	399	408	422	445	459
Total:	932	959	990	1,018	1,075	1,147	1,185
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	17	19	20	21	22	24	26
Aircraft Parts	4	4	4	5	5	6	6
Ammunition	2	2	2	2	2	2	2
Communication Equipment	6	7	7	7	7	7	8
Missiles	1	1	1	1	2	2	2
Motor Vehicles	18	15	14	14	17	18	21
Shipbuilding	6	6	7	8	7	8	8
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	3	3	3	3	4
Other Ordinances	0	0	0	0	1	1	1
Other	305	324	340	346	356	373	381
Total:	363	381	399	408	422	445	459

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Broadwoven Fabric Mills**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	13	12	8	6	6	6	6
Indirect Purchases	822	936	990	971	986	1,044	1,057
Total:	836	948	999	976	991	1,050	1,062
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	13	14	15	16	17	18	19
Aircraft Parts	3	4	4	4	4	5	5
Ammunition	3	3	3	4	4	4	4
Communication Equipment	6	6	6	6	6	6	7
Missiles	2	2	2	3	3	3	3
Motor Vehicles	13	11	10	11	12	14	16
Shipbuilding	4	4	4	5	5	5	6
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	5	5	6	6	6	6	6
Other Ordinances	0	0	0	0	0	0	0
Other	773	886	938	916	927	981	990
Total:	822	936	990	971	986	1,044	1,057

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Industrial and Commercial Machinery, n.e.c.**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	113	112	114	116	118	124	128
Indirect Purchases	792	827	863	885	917	961	1,003
Total:	905	939	977	1,001	1,035	1,085	1,132
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	50	55	59	62	67	73	77
Aircraft Parts	63	72	75	80	89	98	104
Ammunition	46	53	57	58	59	62	68
Communication Equipment	42	46	47	48	49	52	55
Missiles	11	12	14	15	18	19	21
Motor Vehicles	34	29	27	27	30	33	36
Shipbuilding	26	24	28	33	32	34	35
Tanks	4	4	4	4	4	4	4
Other Electronic Equipment	26	29	30	31	31	33	35
Other Ordinances	6	6	6	6	6	7	6
Other	482	497	515	520	532	547	562
Total:	792	827	863	885	917	961	1,003

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Fabricated Plate Work (Boiler Shops)**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	781	767	943	1,163	1,184	1,272	1,369
Indirect Purchases	163	159	178	204	208	222	236
Total:	944	926	1,121	1,367	1,391	1,494	1,605

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	2	3	3	3	3	4	4
Aircraft Parts	1	2	2	2	2	2	2
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	0	0	0	1	1	1	1
Motor Vehicles	1	0	0	0	0	1	1
Shipbuilding	34	31	36	44	42	45	47
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	2
Other Ordinances	0	0	0	0	0	0	0
Other	120	118	132	149	155	165	176
Total:	163	159	178	204	208	222	236

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Other Ordnance and Accessories**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	776	876	958	1,008	1,068	1,104	1,115
Indirect Purchases	34	40	43	45	48	50	50
Total:	810	916	1,001	1,053	1,116	1,154	1,165
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	2	4	4	4	4	4	4
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	32	36	39	41	44	45	46
Other	0	0	0	0	0	0	0
Total:	34	40	43	45	48	50	50

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Aluminum Rolling and Drawing Products**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	11	11	11	10	11	11	11
Indirect Purchases	844	866	882	894	924	947	977
Total:	855	877	893	905	935	958	988

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	29	32	34	35	37	41	42
Aircraft Parts	114	126	131	137	150	164	171
Ammunition	44	50	53	53	53	55	60
Communication Equipment	45	48	49	49	49	51	53
Missiles	8	9	10	11	13	14	15
Motor Vehicles	37	32	31	31	34	37	41
Shipbuilding	43	39	44	52	49	52	54
Tanks	34	34	34	34	33	32	32
Other Electronic Equipment	26	28	29	29	29	31	32
Other Ordinances	3	3	3	3	3	3	3
Other	461	465	465	459	472	467	474
Total:	844	866	882	894	924	947	977

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Industrial Inorganic Chemicals**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	131	164	184	183	175	183	186
Indirect Purchases	746	701	696	688	674	683	688
Total:	877	865	880	871	849	866	874
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	7	8	8	8	9	9
Aircraft Parts	9	10	10	10	11	12	12
Ammunition	6	7	7	7	7	7	8
Communication Equipment	19	20	20	20	20	20	21
Missiles	2	2	3	3	3	3	4
Motor Vehicles	8	6	6	6	6	6	7
Shipbuilding	13	12	13	15	14	14	15
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	24	25	25	25	24	25	25
Other Ordinances	1	1	1	1	1	1	1
Other	657	610	602	592	578	584	586
Total:	746	701	696	688	674	683	688

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Special Dies, Jigs, Molds, and Cutting Tools**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	16	15	15	15	15	16	16
Indirect Purchases	789	828	850	858	888	896	922
Total:	805	844	865	872	903	912	938
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	63	69	74	77	82	89	93
Aircraft Parts	23	26	27	29	32	35	37
Ammunition	25	29	31	31	32	33	36
Communication Equipment	27	28	29	30	30	32	33
Missiles	9	10	11	13	15	16	17
Motor Vehicles	24	20	19	19	22	24	27
Shipbuilding	14	13	15	18	17	18	18
Tanks	3	4	4	4	4	3	3
Other Electronic Equipment	17	19	19	20	20	21	22
Other Ordinances	3	4	4	4	4	4	4
Other	580	607	617	615	633	622	631
Total:	789	828	850	858	888	896	922

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Small Arms Ammunition**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	502	796	837	861	900	922	939
Indirect Purchases	4	4	5	5	5	5	5
Total:	506	801	841	865	904	927	944

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	1	2	2	3	3	3	3
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	1	1	1	1	1	2	2
Total:	4	4	5	5	5	5	5

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Screw Machine Products, Bolts and Nuts**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	56	54	46	40	41	44	45
Indirect Purchases	712	745	766	781	811	836	869
Total:	768	799	812	822	852	880	914
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	20	22	24	25	26	29	30
Aircraft Parts	76	85	89	94	104	115	120
Ammunition	47	54	57	58	58	61	68
Communication Equipment	56	60	62	62	63	66	69
Missiles	6	7	8	9	10	11	12
Motor Vehicles	30	25	24	24	27	29	33
Shipbuilding	28	26	30	36	34	36	37
Tanks	8	8	8	8	8	8	8
Other Electronic Equipment	28	30	31	32	33	35	37
Other Ordinances	8	9	9	9	9	9	9
Other	406	419	426	426	439	438	446
Total:	712	745	766	781	811	836	869

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Laboratory and Optical Instruments**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	553	553	563	557	558	572	583
Indirect Purchases	216	233	251	270	297	322	338
Total:	769	786	814	827	855	894	921
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	8	9	9	10	11	12
Aircraft Parts	62	70	73	78	86	95	100
Ammunition	4	4	4	5	5	5	5
Communication Equipment	13	14	14	14	15	15	16
Missiles	98	104	116	129	147	158	165
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	6	7	7	7	7	7	7
Other Ordinances	0	0	0	0	0	0	0
Other	26	26	27	28	28	30	31
Total:	216	233	251	270	297	322	338

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Mechanical Power Transmission Equipment**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	359	377	398	426	469	537	594
Indirect Purchases	418	399	418	440	444	464	485
Total:	776	777	816	866	913	1,001	1,079
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	7	8	8	9	10	10
Aircraft Parts	19	22	22	24	26	29	30
Ammunition	2	3	3	3	3	3	3
Communication Equipment	4	5	5	5	5	5	6
Missiles	1	1	2	2	2	2	3
Motor Vehicles	13	12	11	11	12	12	14
Shipbuilding	122	111	127	152	145	154	160
Tanks	67	68	70	70	69	67	67
Other Electronic Equipment	4	4	4	4	4	4	5
Other Ordinances	0	0	0	0	0	0	0
Other	178	167	166	161	168	177	186
Total:	418	399	418	440	444	464	485

Note: Numbers may not add to totals due to rounding.

**Projected Defense Purchases of
Nonferrous Castings and Forgings**

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	6	6	6	6	7	7
Indirect Purchases	632	693	738	770	821	886	934
Total:	639	699	744	776	827	893	941

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	377	415	442	461	493	538	565
Aircraft Parts	46	52	55	58	65	72	76
Ammunition	43	49	52	53	54	56	63
Communication Equipment	12	13	14	14	14	15	16
Missiles	17	20	23	26	31	34	36
Motor Vehicles	2	2	1	1	2	2	2
Shipbuilding	5	5	5	7	6	7	7
Tanks	11	11	12	12	12	11	11
Other Electronic Equipment	4	4	5	5	5	5	6
Other Ordinances	5	5	6	6	6	6	6
Other	109	117	125	128	135	140	147
Total:	632	693	738	770	821	886	934

Note: Numbers may not add to totals due to rounding.

SECTION III: INDIVIDUAL STATE PROJECTIONS (RDEPPS)

The tables in this section give state-level estimates of defense and defense-related expenditures in calendar years 2003 through 2009. A separate table is provided for each of the 50 states and the District of Columbia; an additional table is provided for the United States as a whole. The tables are divided into two sections. The first section of each table presents estimates of direct defense purchases and pay and of indirect defense purchases for each year of the projection period. (For purposes of comparison, projections of nondefense expenditures and of total output—total economic activity—also are provided.) The second section provides estimates of the dollar value of direct and indirect purchases from the five industrial sectors projected to lead in defense sales in the state, and the five projected to lead in indirect sales stemming from DoD purchases, over the forecast period.

The industrial *sectors* represented in the tables are aggregates of the *industries* covered in Section II. Industrial projections are made for 320 industries. For purposes of the state-level reports, these are grouped into 97 industrial sectors. Thus, industrial sector 51, “Aerospace,” used in the state tables, includes four industries: industry 235, “Aircraft”; industry 236, “Aircraft and Missile Engines, Propulsion Units and Parts”; industry 237, “Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.”; and industry 21, “Guided Missiles and Space Vehicles.”

Relationship of the *RDEPPS* State Level Projections to the *IDEPPS* National Projections.

IDEPPS’ treatment of defense expenditures differs from that of *RDEPPS* in several important ways, due to differences in the conceptual rationale for each module. *IDEPPS* is designed to investigate economy-wide effects of the defense budget, by simultaneously determining domestic production, imports, and indirect purchases by industry. *RDEPPS* is designed to investigate domestic effects of expenditures by state, including military retirement disbursements. Therefore, *RDEPPS* includes *only* that part of active duty and retirement pay spent domestically, making an explicit adjustment for pay that is sent abroad. Retirement pay is treated on a disbursement basis in *RDEPPS*, as opposed to an accrual basis in *IDEPPS*. The *RDEPPS* measure of total direct defense expenditures is made smaller by the removal of pay sent abroad, but is made larger by the fact that retirement disbursements currently exceed accruals. The net effect is that *RDEPPS* projections of total direct spending are *larger* than the comparable *IDEPPS* projections.

Alabama Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	9,428	9,712	9,967	10,007	10,078	10,315	10,487
Indirect Defense Purchases Resulting from Direct Purchases	4,083	4,267	4,454	4,532	4,633	4,832	4,987
Indirect Defense Purchases Resulting from Direct Pay	1,850	1,870	1,877	1,864	1,849	1,862	1,861
Total Nondefense Expenditures	273,369	284,186	293,978	304,417	314,802	325,590	336,923
Total Output	288,731	300,038	310,277	320,817	331,360	342,598	354,255
Government Industry Compensation	3,327	3,343	3,350	3,331	3,321	3,336	3,338

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Professional services	3,651	3,918	4,120	4,114	4,083	4,151	4,218
Computer & data processing	443	440	442	453	461	476	483
Air transport	411	415	426	434	470	522	556
Aerospace	353	378	391	406	436	458	475
New construction	182	180	181	190	207	221	224

Indirect Defense Purchases Resulting from Direct Expenditures

Professional services	1,208	1,286	1,359	1,373	1,385	1,427	1,465
Computer & data processing	462	487	513	532	552	584	607
Other business services	269	276	278	283	291	305	315
Primary nonferrous metals	148	156	163	167	175	184	192
Wholesale trade	145	148	154	157	161	169	175

Alaska Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,557	2,558	2,577	2,590	2,637	2,719	2,739
Indirect Defense Purchases Resulting from Direct Purchases	924	926	937	953	977	1,022	1,053
Indirect Defense Purchases Resulting from Direct Pay	542	547	549	544	540	543	542
Total Nondefense Expenditures	38,551	39,973	41,291	42,725	44,175	45,685	47,348
Total Output	42,574	44,004	45,354	46,813	48,329	49,971	51,682
Government Industry Compensation	1,198	1,214	1,226	1,215	1,209	1,221	1,221
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	258	256	257	271	297	318	323
Professional services	231	225	227	233	241	248	248
Communications services	182	185	183	188	195	201	205
Trucking, highway passenger transit	148	163	174	170	168	179	181
Air transport	109	101	104	106	108	112	113
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	167	169	177	179	182	189	194
Other business services	139	133	116	119	123	131	139
Professional services	76	74	75	78	82	85	86
Finance & insurance	62	63	66	67	68	72	74
Electric utilities	55	57	59	61	62	65	67

Arizona Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	10,542	10,490	10,650	10,831	11,128	11,495	11,796
Indirect Defense Purchases Resulting from Direct Purchases	2,458	2,555	2,675	2,747	2,839	2,990	3,108
Indirect Defense Purchases Resulting from Direct Pay	1,434	1,450	1,456	1,447	1,437	1,448	1,447
Total Nondefense Expenditures	303,348	319,198	332,029	346,675	360,376	374,711	389,816
Total Output	317,743	333,651	346,772	361,668	375,746	390,612	406,136
Government Industry Compensation	2,524	2,535	2,546	2,530	2,518	2,531	2,528

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Other medical services & dentists	2,105	2,271	2,350	2,476	2,743	2,917	3,044
Aerospace	2,489	2,155	2,109	2,150	2,152	2,220	2,307
Professional services	1,282	1,308	1,350	1,358	1,367	1,405	1,430
Search & navigation equipment	321	343	358	353	350	360	371
Metal products	301	333	351	366	378	392	411
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	424	429	445	453	464	483	497
Electronic components	203	220	234	244	257	276	295
Wholesale trade	168	174	181	186	193	203	212
Aerospace	117	140	162	177	198	220	235
Other business services	131	136	140	143	147	155	161

Arkansas Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,164	2,133	2,161	2,183	2,230	2,299	2,319
Indirect Defense Purchases Resulting from Direct Purchases	1,766	1,811	1,881	1,913	1,960	2,050	2,115
Indirect Defense Purchases Resulting from Direct Pay	806	812	813	805	797	802	799
Total Nondefense Expenditures	163,799	170,513	176,538	182,611	188,616	194,885	201,491
Total Output	168,549	175,282	181,406	187,526	193,616	200,049	206,737
Government Industry Compensation	988	991	994	988	983	988	986
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Water and sanitary services	179	174	177	182	187	191	193
New construction	146	144	143	154	175	191	195
Air transport	158	140	148	148	148	156	157
Trucking, highway passenger transit	116	128	137	134	132	141	142
Hotels	73	64	67	67	68	71	72
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	258	262	272	277	283	296	305
Water and sanitary services	115	116	119	121	122	127	130
Electronic components	82	89	95	99	104	112	120
Trucking, highway passenger transit	80	84	88	88	89	94	97
Wholesale trade	78	80	83	84	87	91	94

California Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	45,877	46,687	47,816	48,364	49,127	50,715	51,765
Indirect Defense Purchases Resulting from Direct Purchases	20,534	21,252	22,187	22,638	23,238	24,368	25,228
Indirect Defense Purchases Resulting from Direct Pay	9,860	9,967	10,011	9,945	9,873	9,951	9,946
Total Nondefense Expenditures	2,077,185	2,172,775	2,255,037	2,350,875	2,441,485	2,536,564	2,636,456
Total Output	2,153,335	2,250,581	2,334,934	2,431,674	2,523,598	2,621,461	2,723,257
Government Industry Compensation	15,627	15,748	15,831	15,723	15,652	15,759	15,755
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	9,683	10,256	10,743	10,800	10,859	11,201	11,460
Aerospace	5,139	5,538	5,743	5,987	6,504	6,858	7,123
Other medical services & dentists	2,340	2,026	1,984	2,021	2,024	2,087	2,169
New construction	1,341	1,334	1,340	1,412	1,547	1,654	1,676
Search & navigation equipment	1,098	1,167	1,214	1,193	1,197	1,263	1,327
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	3,203	3,366	3,542	3,604	3,683	3,851	3,981
Real estate and royalties	1,482	1,511	1,566	1,596	1,630	1,703	1,756
Electronic components	1,188	1,289	1,373	1,432	1,505	1,618	1,730
Wholesale trade	1,196	1,233	1,281	1,318	1,362	1,436	1,498
Finance & insurance	1,105	1,117	1,160	1,181	1,209	1,264	1,301

Colorado Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,584	8,821	9,056	9,097	9,174	9,413	9,548
Indirect Defense Purchases Resulting from Direct Purchases	2,806	2,901	3,021	3,085	3,167	3,320	3,427
Indirect Defense Purchases Resulting from Direct Pay	1,719	1,737	1,745	1,733	1,719	1,731	1,728
Total Nondefense Expenditures	305,781	320,835	332,636	346,200	358,787	371,568	384,954
Total Output	318,899	334,303	346,467	360,124	372,856	386,040	399,666
Government Industry Compensation	3,136	3,157	3,176	3,153	3,138	3,159	3,156

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Electronic components	2,169	2,334	2,469	2,477	2,474	2,541	2,605
Professional services	1,083	1,135	1,183	1,196	1,213	1,253	1,277
New construction	375	371	374	390	419	443	449
Computer & data processing	243	241	242	248	252	260	264
Communication equipment	176	197	200	204	210	221	233

**Indirect Defense Purchases Resulting
from Direct Expenditures**

Professional services	358	373	390	399	412	431	443
Real estate and royalties	264	269	279	284	290	303	312
Computer & data processing	254	267	280	291	302	320	332
Communications services	259	265	274	280	288	300	309
Wholesale trade	163	169	175	180	185	194	201

Connecticut Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,673	4,746	4,989	5,204	5,235	5,416	5,556
Indirect Defense Purchases Resulting from Direct Purchases	2,099	2,185	2,293	2,350	2,426	2,555	2,653
Indirect Defense Purchases Resulting from Direct Pay	643	650	652	649	644	648	648
Total Nondefense Expenditures	227,214	237,520	246,993	256,697	265,833	275,324	285,322
Total Output	234,665	245,136	254,962	264,932	274,168	283,973	294,207
Government Industry Compensation	725	732	737	731	727	733	733
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ships & boats	1,448	1,443	1,591	1,741	1,636	1,645	1,653
Aerospace	647	691	711	745	823	874	912
Professional services	481	509	533	537	541	561	576
General and miscellaneous industrial machinery	145	148	155	166	179	200	220
Trucking, highway passenger transit	97	107	115	112	111	118	119
Indirect Defense Purchases Resulting from Direct Expenditures							
Aerospace	141	170	196	215	239	266	285
Professional services	159	167	176	179	184	193	200
Other business services	137	142	149	154	159	169	177
Real estate and royalties	134	137	142	144	147	154	158
Electronic components	118	128	136	142	149	160	171

Delaware Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	828	826	836	839	846	866	872
Indirect Defense Purchases Resulting from Direct Purchases	573	581	600	607	619	644	661
Indirect Defense Purchases Resulting from Direct Pay	290	293	294	292	289	291	290
Total Nondefense Expenditures	63,788	66,529	69,010	71,456	73,837	76,336	78,995
Total Output	65,479	68,229	70,740	73,194	75,591	78,136	80,818
Government Industry Compensation	433	437	440	436	434	437	437

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

New construction	61	61	62	64	66	69	70
Medical instruments & supplies	45	49	48	48	49	51	52
Education, social services, membership organizations	47	45	46	46	46	46	47
Professional services	32	33	34	35	36	37	37
Hotels	25	22	23	23	24	25	25

Indirect Defense Purchases Resulting from Direct Expenditures

Real estate and royalties	86	87	91	92	94	98	101
Other chemicals	69	69	70	70	70	72	73
Finance & insurance	33	34	35	35	36	38	39
Plastics & synthetics	29	31	32	32	33	34	35
Education, social services, membership organizations	32	31	32	32	33	35	36

District of Columbia Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,579	4,535	4,573	4,594	4,627	4,717	4,761
Indirect Defense Purchases Resulting from Direct Purchases	2,138	2,179	2,264	2,301	2,344	2,432	2,497
Indirect Defense Purchases Resulting from Direct Pay	700	707	711	705	700	705	704
Total Nondefense Expenditures	88,896	92,467	95,825	99,422	102,940	106,614	110,566
Total Output	96,312	99,888	103,372	107,021	110,611	114,468	118,528
Government Industry Compensation	1,783	1,804	1,813	1,801	1,795	1,809	1,813
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	699	723	750	752	751	766	777
Computer & data processing	377	366	367	371	375	384	389
Communications services	316	299	298	305	314	322	326
New construction	242	240	244	251	260	270	272
Water transport	210	201	202	202	202	205	206
Indirect Defense Purchases Resulting from Direct Expenditures							
Finance & insurance	420	423	439	448	459	479	493
Computer & data processing	393	406	425	436	449	471	488
Movies and amusements	310	309	316	316	319	327	333
Professional services	231	237	247	251	255	263	270
Real estate and royalties	199	200	210	211	212	218	221

Florida Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	21,624	22,130	22,660	22,820	23,176	23,859	24,237
Indirect Defense Purchases Resulting from Direct Purchases	9,810	10,188	10,700	10,922	11,227	11,783	12,185
Indirect Defense Purchases Resulting from Direct Pay	4,839	4,892	4,917	4,884	4,849	4,888	4,886
Total Nondefense Expenditures	987,025	1,034,041	1,077,755	1,125,530	1,171,493	1,220,189	1,272,834
Total Output	1,023,261	1,071,213	1,115,997	1,164,125	1,210,716	1,260,691	1,314,115
Government Industry Compensation	8,723	8,751	8,783	8,729	8,688	8,728	8,716
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	3,127	3,259	3,393	3,438	3,505	3,660	3,759
Aerospace	2,336	2,518	2,618	2,716	2,915	3,056	3,164
Communication equipment	793	862	901	902	896	910	929
New construction	655	647	649	685	751	804	816
Water transport	474	506	529	517	512	537	540
Indirect Defense Purchases Resulting from Direct Expenditures							
Other business services	2,087	2,202	2,345	2,386	2,449	2,559	2,632
Professional services	1,034	1,070	1,119	1,147	1,189	1,258	1,306
Real estate and royalties	857	873	906	923	942	984	1,015
Wholesale trade	586	606	634	653	677	715	749
Communications services	440	450	468	481	496	521	540

Georgia Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	17,374	17,966	18,508	18,580	18,677	19,025	19,221
Indirect Defense Purchases Resulting from Direct Purchases	5,664	5,848	6,077	6,177	6,336	6,632	6,837
Indirect Defense Purchases Resulting from Direct Pay	3,698	3,738	3,754	3,727	3,698	3,725	3,720
Total Nondefense Expenditures	545,267	570,568	591,976	614,863	636,506	658,865	682,360
Total Output	572,010	598,123	620,320	643,356	665,224	688,254	712,146
Government Industry Compensation	6,604	6,666	6,709	6,660	6,628	6,680	6,678
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace	7,275	7,875	8,300	8,363	8,393	8,521	8,655
Professional services	557	570	589	599	612	638	651
New construction	411	407	409	429	466	495	502
Trucking, highway passenger transit	285	313	333	326	324	344	347
Air transport	340	302	317	318	320	336	339
Indirect Defense Purchases Resulting from Direct Expenditures							
Advertising	814	829	852	862	884	919	944
Wholesale trade	385	398	414	424	436	457	475
Communications services	351	359	372	380	390	407	418
Real estate and royalties	314	320	332	338	345	360	371
Textiles and knitting	267	303	320	312	316	333	336

Hawaii Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,316	5,319	5,374	5,381	5,411	5,514	5,541
Indirect Defense Purchases Resulting from Direct Purchases	1,090	1,113	1,155	1,177	1,207	1,262	1,300
Indirect Defense Purchases Resulting from Direct Pay	1,439	1,454	1,461	1,451	1,440	1,451	1,449
Total Nondefense Expenditures	105,428	109,801	113,324	117,910	122,209	126,840	131,788
Total Output	113,275	117,688	121,314	125,920	130,268	135,067	140,079
Government Industry Compensation	3,473	3,518	3,546	3,518	3,502	3,535	3,538

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

New construction	589	582	590	609	639	665	672
Professional services	368	368	376	380	385	393	396
Communications services	92	91	91	93	96	99	100
Trucking, highway passenger transit	67	68	71	71	71	74	75
Water transport	60	66	71	69	67	71	72

Indirect Defense Purchases Resulting from Direct Expenditures

Professional services	127	130	133	135	138	144	148
Professional services	122	121	124	127	131	135	138
Real estate and royalties	117	119	123	125	128	133	137
Other business services	113	117	123	126	131	138	145
Electric utilities	76	79	82	84	86	90	93

Idaho Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,529	2,497	2,564	2,588	2,653	2,785	2,818
Indirect Defense Purchases Resulting from Direct Purchases	1,595	1,627	1,690	1,718	1,756	1,837	1,892
Indirect Defense Purchases Resulting from Direct Pay	350	353	354	351	348	350	349
Total Nondefense Expenditures	74,801	78,334	81,275	84,246	87,154	90,084	93,256
Total Output	79,277	82,812	85,885	88,905	91,912	95,057	98,316
Government Industry Compensation	507	510	513	509	506	509	509

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Air transport	422	470	502	490	485	517	521
Trucking, highway passenger transit	417	370	390	390	392	411	415
New construction	192	190	187	203	238	263	269
Real estate and royalties	113	104	103	107	112	116	121
Electric utilities	85	81	82	86	89	92	92
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	448	457	474	483	493	515	531
Finance & insurance	218	221	231	235	240	251	258
Automobile services	139	142	149	151	152	160	165
Electric utilities	97	100	104	106	109	115	118
Federal & state and local government enterprises	84	84	86	87	89	92	93

Illinois Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,690	6,806	6,929	6,940	7,025	7,225	7,321
Indirect Defense Purchases Resulting from Direct Purchases	6,684	6,870	7,139	7,268	7,453	7,793	8,051
Indirect Defense Purchases Resulting from Direct Pay	2,678	2,703	2,713	2,689	2,665	2,681	2,674
Total Nondefense Expenditures	851,720	890,427	925,494	959,897	992,647	1,026,795	1,062,476
Total Output	867,783	906,817	942,284	976,807	1,009,801	1,044,506	1,080,535
Government Industry Compensation	3,379	3,418	3,444	3,417	3,400	3,431	3,430

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Professional services	379	383	394	398	403	414	419
Metal products	342	379	400	416	428	444	466
Trucking, highway passenger transit	272	298	317	311	308	327	330
Agriculture, construction, mining & oilfield equipment	264	281	296	292	297	305	320
New construction	241	238	238	251	276	296	300
Indirect Defense Purchases Resulting from Direct Expenditures							
Wholesale trade	529	543	565	575	590	617	638
Electronic components	482	523	557	581	611	657	702
Metal products	390	401	419	431	442	461	481
Printing & publishing	392	397	408	411	416	429	437
Air transport	335	348	366	373	382	398	412

Indiana Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,221	5,091	5,112	5,154	5,260	5,466	5,648
Indirect Defense Purchases Resulting from Direct Purchases	3,817	3,938	4,099	4,185	4,308	4,517	4,684
Indirect Defense Purchases Resulting from Direct Pay	1,275	1,289	1,292	1,284	1,273	1,281	1,281
Total Nondefense Expenditures	421,788	441,677	459,214	475,578	491,232	507,826	525,127
Total Output	432,134	452,026	469,748	486,235	502,105	519,122	536,771
Government Industry Compensation	1,271	1,278	1,280	1,273	1,269	1,275	1,276
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Other medical services & dentists	1,263	1,093	1,070	1,091	1,092	1,126	1,170
Professional services	591	616	642	650	662	695	719
Communication equipment	296	329	334	339	351	369	390
Aerospace	277	297	307	317	340	357	370
Motor vehicles	201	166	155	160	185	206	234
Indirect Defense Purchases Resulting from Direct Expenditures							
Primary nonferrous metals	390	413	431	442	462	485	507
Primary ferrous metals	252	256	266	272	275	285	296
Electronic components	226	245	261	272	286	307	328
Metal products	228	235	246	253	259	270	282
Wholesale trade	206	211	220	223	229	239	247

Iowa Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,430	1,507	1,542	1,569	1,631	1,706	1,762
Indirect Defense Purchases Resulting from Direct Purchases	1,295	1,329	1,380	1,402	1,436	1,500	1,550
Indirect Defense Purchases Resulting from Direct Pay	514	517	518	512	506	508	505
Total Nondefense Expenditures	193,578	201,372	208,818	215,814	222,583	229,687	237,146
Total Output	196,814	204,721	212,254	219,294	226,152	233,397	240,961
Government Industry Compensation	346	347	349	346	345	346	346

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Communication equipment	294	333	338	344	357	377	399
Aerospace	240	259	267	282	316	338	354
Professional services	125	134	141	142	144	151	156
Electronic components	73	78	82	83	83	87	89
Trucking, highway passenger transit	44	49	52	51	50	53	54
Indirect Defense Purchases Resulting from Direct Expenditures							
Wholesale trade	122	124	129	131	134	140	144
Electronic components	80	86	92	96	101	109	116
Printing & publishing	82	82	84	85	86	88	90
Trucking, highway passenger transit	76	80	84	84	85	89	91
Metal products	75	77	80	83	84	88	92

Kansas Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	2,916	2,962	3,002	3,033	3,125	3,229	3,280
Indirect Defense Purchases Resulting from Direct Purchases	1,693	1,748	1,818	1,864	1,930	2,034	2,109
Indirect Defense Purchases Resulting from Direct Pay	1,009	1,017	1,020	1,012	1,002	1,008	1,006
Total Nondefense Expenditures	182,689	190,630	198,062	205,178	212,062	219,110	226,526
Total Output	188,372	196,418	203,964	211,151	218,177	225,441	232,980
Government Industry Compensation	1,506	1,521	1,532	1,521	1,513	1,525	1,524

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Aerospace	526	568	588	621	693	739	772
New construction	138	137	137	145	160	171	174
Trucking, highway passenger transit	110	120	128	126	124	132	133
Professional services	72	71	72	73	75	77	77
Computer & data processing	67	64	63	64	64	66	67

Indirect Defense Purchases Resulting from Direct Expenditures

Aerospace	169	203	235	257	287	319	341
Communications services	125	127	131	133	137	142	146
Wholesale trade	111	114	118	121	124	129	134
Real estate and royalties	90	91	95	97	98	103	106
Printing & publishing	86	87	89	89	91	93	95

Kentucky Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,388	6,150	6,185	6,224	6,274	6,451	6,557
Indirect Defense Purchases Resulting from Direct Purchases	6,217	6,501	6,863	6,970	7,143	7,449	7,650
Indirect Defense Purchases Resulting from Direct Pay	1,556	1,572	1,579	1,567	1,554	1,564	1,562
Total Nondefense Expenditures	247,464	257,812	266,906	276,096	284,982	294,156	303,862
Total Output	261,630	272,041	281,538	290,863	299,958	309,625	319,636
Government Industry Compensation	2,553	2,585	2,611	2,588	2,573	2,600	2,598
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Other medical services & dentists	1,970	1,706	1,670	1,702	1,704	1,757	1,826
Other business services	355	353	361	362	365	366	358
Air transport	217	199	208	210	215	230	236
New construction	172	170	170	180	198	212	215
Professional services	153	156	161	166	174	184	188
Indirect Defense Purchases Resulting from Direct Expenditures							
Other business services	3,930	4,161	4,434	4,500	4,613	4,806	4,924
Air transport	138	143	150	153	157	163	168
Wholesale trade	127	130	135	137	141	147	152
Primary nonferrous metals	113	120	125	128	134	140	147
Maintenance & repair construction	114	117	124	127	129	135	138

Louisiana Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,529	4,442	4,626	4,836	4,803	4,994	5,083
Indirect Defense Purchases Resulting from Direct Purchases	2,248	2,306	2,400	2,430	2,483	2,605	2,679
Indirect Defense Purchases Resulting from Direct Pay	1,186	1,196	1,199	1,187	1,176	1,183	1,179
Total Nondefense Expenditures	265,943	275,989	284,710	294,508	304,503	314,783	325,517
Total Output	273,938	283,964	292,966	302,990	312,993	323,592	334,485
Government Industry Compensation	1,822	1,836	1,848	1,834	1,825	1,839	1,838
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ships & boats	960	846	980	1,206	1,152	1,244	1,309
Water transport	567	599	624	611	605	633	637
New construction	193	191	192	202	222	238	241
Trucking, highway passenger transit	126	139	148	145	143	152	154
Professional services	122	123	127	129	133	138	140
Indirect Defense Purchases Resulting from Direct Expenditures							
Petroleum refining	311	309	318	320	325	339	346
Wholesale trade	144	147	152	155	159	167	173
Real estate and royalties	122	124	129	131	134	139	144
Water transport	109	113	117	116	116	122	123
Fuel oil	96	99	103	102	102	106	107

Maine Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,056	3,041	3,217	3,411	3,398	3,565	3,640
Indirect Defense Purchases Resulting from Direct Purchases	1,061	1,090	1,138	1,158	1,187	1,245	1,283
Indirect Defense Purchases Resulting from Direct Pay	466	471	473	469	466	469	469
Total Nondefense Expenditures	80,090	83,188	86,040	89,111	92,173	95,330	98,707
Total Output	84,688	87,805	90,882	94,163	97,236	100,622	104,111
Government Industry Compensation	817	822	825	820	817	821	822

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Ships & boats	726	636	753	948	902	979	1,035
Medical instruments & supplies	450	534	560	546	543	566	567
Trucking, highway passenger transit	176	196	209	204	202	215	217
Air transport	130	115	122	122	122	128	129
New construction	108	107	106	114	132	145	147

**Indirect Defense Purchases Resulting
from Direct Expenditures**

Real estate and royalties	244	249	258	263	268	280	289
Finance & insurance	135	137	143	145	148	155	160
Automobile services	65	66	70	70	71	75	77
Paper	52	52	54	54	55	57	58
Federal & state and local government enterprises	43	43	44	45	45	47	48

Maryland Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	15,961	16,242	16,549	16,655	16,833	17,272	17,551
Indirect Defense Purchases Resulting from Direct Purchases	5,002	5,167	5,385	5,486	5,618	5,870	6,055
Indirect Defense Purchases Resulting from Direct Pay	2,366	2,391	2,402	2,384	2,366	2,383	2,380
Total Nondefense Expenditures	329,966	344,506	356,981	370,594	383,807	397,441	411,929
Total Output	353,253	368,268	381,275	395,071	408,583	422,925	437,875
Government Industry Compensation	5,204	5,246	5,265	5,233	5,215	5,248	5,253
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	3,425	3,634	3,807	3,821	3,834	3,946	4,018
Computer & data processing	863	836	836	845	855	876	887
Other medical services & dentists	834	726	713	726	727	751	781
Aerospace	600	645	665	699	774	823	858
Metal products	504	561	594	615	624	645	678
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	1,133	1,193	1,255	1,275	1,301	1,356	1,396
Computer & data processing	900	926	969	993	1,023	1,075	1,113
Advertising	330	339	350	354	362	375	384
Real estate and royalties	305	311	323	328	334	349	359
Other business services	188	193	200	205	212	225	236

Massachusetts Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	9,056	9,541	9,837	9,927	10,117	10,489	10,797
Indirect Defense Purchases Resulting from Direct Purchases	4,420	4,634	4,865	4,954	5,072	5,308	5,495
Indirect Defense Purchases Resulting from Direct Pay	1,026	1,037	1,043	1,036	1,028	1,036	1,035
Total Nondefense Expenditures	427,991	446,961	464,694	482,940	500,098	517,776	536,407
Total Output	442,476	462,156	480,424	498,845	516,304	534,597	553,722
Government Industry Compensation	1,116	1,121	1,123	1,117	1,114	1,119	1,119
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	3,191	3,432	3,619	3,620	3,613	3,724	3,826
Communication equipment	913	1,010	1,034	1,046	1,070	1,115	1,168
Aerospace	862	920	945	989	1,092	1,161	1,211
Water transport	529	507	509	508	508	516	519
Metal products	364	403	424	442	457	474	495
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	1,055	1,127	1,193	1,208	1,225	1,280	1,329
Other business services	457	483	515	523	536	559	574
Electronic components	277	300	320	333	350	377	403
Computer & data processing	254	271	287	294	301	315	327
Wholesale trade	257	263	273	279	287	300	311

Michigan Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,283	4,216	4,254	4,256	4,389	4,569	4,692
Indirect Defense Purchases Resulting from Direct Purchases	4,507	4,612	4,788	4,873	4,997	5,221	5,402
Indirect Defense Purchases Resulting from Direct Pay	1,710	1,731	1,734	1,728	1,712	1,725	1,727
Total Nondefense Expenditures	629,067	658,341	684,979	709,586	732,272	756,186	781,387
Total Output	639,582	668,915	695,771	720,459	743,385	767,716	793,222
Government Industry Compensation	1,200	1,204	1,204	1,198	1,195	1,199	1,200
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Other transportation equipment	528	425	385	347	374	383	406
Trucking, highway passenger transit	205	228	244	238	235	251	253
Professional services	218	225	234	236	239	246	250
Air transport	193	172	181	182	183	192	193
Metal products	143	158	168	177	180	192	211
Indirect Defense Purchases Resulting from Direct Expenditures							
Metal products	456	470	491	505	517	540	562
Wholesale trade	330	337	350	356	364	380	393
Real estate and royalties	316	322	334	340	347	363	374
Primary nonferrous metals	219	231	241	248	259	272	284
Plastic products	217	225	233	237	245	257	267

Minnesota Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,562	3,672	3,786	3,832	3,894	4,017	4,107
Indirect Defense Purchases Resulting from Direct Purchases	3,056	3,148	3,282	3,338	3,417	3,571	3,689
Indirect Defense Purchases Resulting from Direct Pay	798	805	807	800	792	796	793
Total Nondefense Expenditures	358,538	374,515	389,777	403,974	417,682	432,017	447,191
Total Output	365,959	382,145	397,659	411,950	425,791	440,408	455,786
Government Industry Compensation	572	574	575	572	570	572	571
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Metal products	691	773	819	838	838	844	866
Professional services	581	614	642	645	647	666	681
Aerospace	244	263	274	283	298	310	319
Air transport	225	202	212	214	216	225	227
Trucking, highway passenger transit	161	179	192	187	185	197	199
Indirect Defense Purchases Resulting from Direct Expenditures							
Wholesale trade	223	229	239	244	250	261	271
Printing & publishing	215	218	225	226	229	236	241
Real estate and royalties	210	214	222	226	231	241	248
Professional services	192	201	212	215	219	229	237
Electronic components	161	174	186	194	204	219	234

Mississippi Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,031	4,891	5,145	5,395	5,379	5,620	5,746
Indirect Defense Purchases Resulting from Direct Purchases	2,858	2,960	3,108	3,166	3,251	3,405	3,514
Indirect Defense Purchases Resulting from Direct Pay	1,194	1,205	1,209	1,160	1,151	1,159	1,157
Total Nondefense Expenditures	174,081	180,480	186,357	192,106	198,292	204,723	211,509
Total Output	183,181	189,554	195,836	201,843	208,087	214,920	221,941
Government Industry Compensation	2,021	2,039	2,052	1,940	1,931	1,946	1,945
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ships & boats	1,238	1,084	1,283	1,614	1,537	1,668	1,762
Trucking, highway passenger transit	240	266	283	277	274	292	294
New construction	232	229	229	243	270	291	295
Aerospace	157	170	175	186	209	223	234
Air transport	143	128	134	135	136	144	146
Indirect Defense Purchases Resulting from Direct Expenditures							
Other business services	1,025	1,079	1,148	1,170	1,201	1,258	1,297
Real estate and royalties	236	240	249	254	259	270	278
Computer & data processing	133	134	139	142	146	153	158
Finance & insurance	104	105	110	111	114	119	123
Electronic components	94	102	108	113	119	128	137

Missouri Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,203	8,596	8,863	9,028	9,449	9,835	10,139
Indirect Defense Purchases Resulting from Direct Purchases	3,004	3,100	3,233	3,295	3,385	3,549	3,673
Indirect Defense Purchases Resulting from Direct Pay	1,581	1,596	1,602	1,589	1,575	1,586	1,583
Total Nondefense Expenditures	377,957	393,904	408,675	423,568	437,838	452,806	468,656
Total Output	390,662	407,109	422,292	437,405	452,172	467,701	483,977
Government Industry Compensation	2,155	2,173	2,186	2,170	2,160	2,175	2,174
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace	2,723	2,941	3,041	3,216	3,590	3,828	4,002
Agriculture, construction, mining & oilfield equipment	940	1,015	1,077	1,057	1,074	1,103	1,166
Professional services	781	839	885	892	901	941	972
Search & navigation equipment	462	498	524	519	506	506	510
New construction	118	116	117	123	135	144	146
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	258	275	292	298	306	324	338
Wholesale trade	220	226	235	240	246	258	268
Communications services	222	225	233	238	244	254	261
Printing & publishing	158	160	165	166	168	174	178
Electronic components	138	149	159	166	174	188	201

Montana Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	672	671	679	682	692	712	717
Indirect Defense Purchases Resulting from Direct Purchases	422	431	447	454	464	485	499
Indirect Defense Purchases Resulting from Direct Pay	222	224	225	223	221	222	222
Total Nondefense Expenditures	51,045	53,096	54,910	56,781	58,650	60,620	62,738
Total Output	52,361	54,422	56,262	58,141	60,028	62,040	64,176
Government Industry Compensation	394	397	400	397	395	398	397
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	82	81	81	86	93	100	101
Trucking, highway passenger transit	28	31	33	33	32	34	35
Electric utilities	18	18	18	19	19	20	20
Professional services	17	17	18	18	19	19	20
Air transport	16	15	16	16	17	18	19
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	38	39	40	41	42	43	44
Finance & insurance	30	30	32	32	33	34	35
Wholesale trade	28	29	30	31	32	33	34
Petroleum refining	29	29	30	30	30	32	32
Electric utilities	21	22	23	23	24	25	26

Nebraska Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,517	1,521	1,537	1,538	1,547	1,576	1,585
Indirect Defense Purchases Resulting from Direct Purchases	936	960	998	1,015	1,040	1,086	1,120
Indirect Defense Purchases Resulting from Direct Pay	586	590	591	585	579	581	579
Total Nondefense Expenditures	121,062	125,899	130,462	134,806	139,089	143,534	148,214
Total Output	124,104	128,973	133,591	137,946	142,257	146,780	151,500
Government Industry Compensation	880	887	893	886	882	888	888

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

New construction	110	109	111	114	119	124	125
Computer & data processing	110	109	110	111	112	115	117
Professional services	99	97	98	100	101	103	104
Aerospace	53	57	60	61	63	65	67
Communication equipment	36	39	41	41	40	41	41

Indirect Defense Purchases Resulting from Direct Expenditures

Computer & data processing	115	121	127	131	134	141	146
Wholesale trade	81	82	86	87	89	93	96
Trucking, highway passenger transit	61	64	67	67	68	71	73
Electronic components	49	53	57	59	62	67	71
Real estate and royalties	51	52	54	55	56	58	60

Nevada Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,503	2,488	2,528	2,549	2,605	2,701	2,728
Indirect Defense Purchases Resulting from Direct Purchases	1,272	1,306	1,359	1,386	1,420	1,487	1,535
Indirect Defense Purchases Resulting from Direct Pay	553	560	563	559	555	560	560
Total Nondefense Expenditures	246,011	257,944	266,350	276,983	286,319	296,338	306,988
Total Output	250,341	262,300	270,801	281,479	290,901	301,088	311,812
Government Industry Compensation	998	1,000	1,004	998	993	997	995
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Trucking, highway passenger transit	259	288	307	300	297	316	319
New construction	194	192	190	205	235	258	263
Professional services	172	168	170	172	175	179	180
Air transport	184	163	172	172	173	182	183
Maintenance & repair construction	66	65	63	69	85	97	101
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	259	264	274	279	285	298	307
Finance & insurance	108	110	115	116	119	125	128
Metal mining	79	87	93	97	102	110	117
Automobile services	73	75	79	79	80	84	87
Federal & state and local government enterprises	63	62	64	65	66	68	69

New Hampshire Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,404	2,430	2,510	2,520	2,554	2,662	2,698
Indirect Defense Purchases Resulting from Direct Purchases	1,469	1,510	1,574	1,604	1,643	1,721	1,780
Indirect Defense Purchases Resulting from Direct Pay	259	262	263	261	259	261	261
Total Nondefense Expenditures	76,271	79,878	83,164	86,434	89,532	92,733	96,175
Total Output	80,403	84,079	87,510	90,818	93,989	97,378	100,914
Government Industry Compensation	322	321	321	320	318	319	318
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Trucking, highway passenger transit	343	382	409	399	394	420	424
Air transport	249	221	233	233	234	246	248
Professional services	198	209	218	221	224	231	236
Communications services	189	193	198	199	197	196	194
Water transport	120	137	148	143	140	149	150
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	297	302	313	319	326	341	351
Finance & insurance	148	150	157	159	163	170	175
Electronic components	92	99	106	110	116	125	133
Other business services	81	84	89	91	95	100	105
Automobile services	78	80	84	85	86	91	93

New Jersey Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,231	7,465	7,631	7,669	7,800	8,112	8,340
Indirect Defense Purchases Resulting from Direct Purchases	5,889	6,079	6,346	6,466	6,630	6,967	7,226
Indirect Defense Purchases Resulting from Direct Pay	1,770	1,789	1,797	1,783	1,769	1,781	1,777
Total Nondefense Expenditures	584,963	610,010	632,229	655,485	677,642	700,658	724,666
Total Output	599,845	625,337	647,997	671,395	693,834	717,511	742,003
Government Industry Compensation	2,240	2,258	2,264	2,251	2,244	2,257	2,261
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	1,755	1,884	1,990	2,015	2,059	2,188	2,286
Search & navigation equipment	400	420	432	422	435	478	518
Rubber products	233	273	283	277	278	290	292
Transportation services	256	258	263	271	280	284	285
Communication equipment	193	213	218	220	224	233	243
Indirect Defense Purchases Resulting from Direct Expenditures							
Other business services	1,200	1,242	1,313	1,353	1,397	1,483	1,560
Professional services	580	618	656	672	698	752	794
Wholesale trade	421	433	450	459	471	493	511
Other chemicals	313	316	320	319	320	328	333
Communications services	299	304	314	320	328	342	351

New Mexico Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,140	5,141	5,263	5,305	5,403	5,616	5,706
Indirect Defense Purchases Resulting from Direct Purchases	2,958	3,021	3,141	3,195	3,263	3,409	3,512
Indirect Defense Purchases Resulting from Direct Pay	728	735	738	732	727	732	731
Total Nondefense Expenditures	91,404	95,295	98,644	102,438	106,183	110,001	114,209
Total Output	100,230	104,194	107,787	111,672	115,578	119,760	124,159
Government Industry Compensation	1,505	1,515	1,523	1,513	1,506	1,515	1,515
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	689	721	751	756	760	781	795
Trucking, highway passenger transit	485	540	577	563	557	593	598
Air transport	434	389	410	410	416	440	448
New construction	312	309	307	329	373	407	415
Real estate and royalties	290	268	263	276	287	299	312
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	1,150	1,172	1,215	1,239	1,265	1,322	1,364
Finance & insurance	370	376	393	398	407	427	439
Professional services	228	237	248	252	258	268	276
Automobile services	151	154	163	164	166	174	179
Federal & state and local government enterprises	143	142	146	148	150	155	158

New York Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,312	8,571	8,762	8,844	9,013	9,317	9,549
Indirect Defense Purchases Resulting from Direct Purchases	7,271	7,462	7,712	7,845	8,037	8,398	8,674
Indirect Defense Purchases Resulting from Direct Pay	2,572	2,600	2,613	2,597	2,580	2,601	2,600
Total Nondefense Expenditures	1,135,470	1,181,619	1,224,353	1,272,775	1,317,943	1,364,901	1,414,706
Total Output	1,153,613	1,200,239	1,243,428	1,292,054	1,337,564	1,385,209	1,435,522
Government Industry Compensation	2,472	2,496	2,512	2,494	2,482	2,501	2,501
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	1,016	1,125	1,183	1,235	1,280	1,329	1,390
Metal products	1,033	1,099	1,154	1,159	1,166	1,208	1,240
Aerospace	678	726	752	777	833	874	905
Search & navigation equipment	544	572	589	576	591	646	696
Air transport	328	309	316	327	336	345	349
Indirect Defense Purchases Resulting from Direct Expenditures							
Advertising	875	894	921	931	953	990	1,016
Wholesale trade	670	685	710	727	747	783	813
Printing & publishing	550	556	569	576	585	603	617
Communications services	526	534	552	564	578	603	620
Electronic components	376	408	435	453	476	512	548

North Carolina Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,996	8,064	8,150	8,134	8,173	8,337	8,384
Indirect Defense Purchases Resulting from Direct Purchases	3,931	4,084	4,251	4,307	4,408	4,614	4,760
Indirect Defense Purchases Resulting from Direct Pay	3,671	3,706	3,719	3,688	3,658	3,684	3,678
Total Nondefense Expenditures	534,220	556,388	576,456	596,692	616,393	636,989	658,646
Total Output	549,828	572,252	592,587	612,832	632,643	653,633	675,478
Government Industry Compensation	6,040	6,107	6,160	6,110	6,075	6,131	6,125
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	367	364	368	382	407	428	434
Professional services	204	208	214	216	217	222	225
Rubber products	134	137	146	158	184	205	214
Trucking, highway passenger transit	117	127	135	133	132	140	141
Communication equipment	115	115	115	117	118	123	129
Indirect Defense Purchases Resulting from Direct Expenditures							
Wholesale trade	373	422	445	435	440	464	468
Textiles and knitting	294	302	314	320	329	345	358
Electronic components	257	279	297	310	326	350	375
Communications services	176	179	186	189	194	202	208
Trucking, highway passenger transit	155	163	171	172	174	184	188

North Dakota Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,476	1,430	1,461	1,472	1,501	1,559	1,574
Indirect Defense Purchases Resulting from Direct Purchases	734	742	759	770	786	819	843
Indirect Defense Purchases Resulting from Direct Pay	274	276	277	275	272	274	273
Total Nondefense Expenditures	39,826	41,289	42,633	44,002	45,385	46,782	48,323
Total Output	42,310	43,738	45,132	46,520	47,945	49,435	51,014
Government Industry Compensation	535	542	548	543	540	546	546

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Hotels	332	291	304	306	308	322	325
New construction	186	184	185	194	211	224	227
Trucking, highway passenger transit	73	81	86	84	83	89	89
Air transport	62	55	58	58	58	61	62
Electric utilities	50	48	49	50	52	54	54

**Indirect Defense Purchases Resulting
from Direct Expenditures**

Hotels	166	171	176	178	181	188	192
Real estate and royalties	118	120	124	127	129	135	139
Electric utilities	57	59	61	63	64	67	69
Finance & insurance	41	41	43	44	45	47	48
Gas utilities	36	36	37	37	38	39	40

Ohio Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,665	8,758	8,880	8,946	9,172	9,475	9,651
Indirect Defense Purchases Resulting from Direct Purchases	7,675	7,903	8,226	8,381	8,593	8,987	9,296
Indirect Defense Purchases Resulting from Direct Pay	2,425	2,451	2,459	2,441	2,420	2,436	2,433
Total Nondefense Expenditures	777,702	812,636	844,578	874,698	903,656	934,252	966,271
Total Output	796,470	831,751	864,148	894,473	923,845	955,156	987,657
Government Industry Compensation	3,118	3,136	3,141	3,124	3,115	3,130	3,134

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Professional services	1,198	1,257	1,312	1,314	1,311	1,339	1,363
Aerospace	887	949	976	1,025	1,134	1,206	1,259
Trucking, highway passenger transit	331	370	396	386	382	407	411
Computer & data processing	367	358	358	365	370	381	386
New construction	272	269	269	286	321	347	353

Indirect Defense Purchases Resulting from Direct Expenditures

Primary nonferrous metals	494	522	545	559	584	614	641
Metal products	460	474	495	509	521	544	567
Wholesale trade	435	445	462	470	482	503	521
Professional services	396	413	433	438	445	460	474
Real estate and royalties	398	405	420	428	437	456	470

Oklahoma Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,338	5,358	5,415	5,448	5,535	5,677	5,746
Indirect Defense Purchases Resulting from Direct Purchases	2,417	2,491	2,586	2,641	2,714	2,844	2,952
Indirect Defense Purchases Resulting from Direct Pay	1,586	1,601	1,607	1,594	1,580	1,591	1,588
Total Nondefense Expenditures	206,930	214,959	222,508	230,315	237,954	245,977	254,414
Total Output	216,273	224,409	232,118	240,000	247,786	256,091	264,702
Government Industry Compensation	3,198	3,227	3,245	3,223	3,209	3,233	3,235

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Professional services	353	368	384	392	404	429	444
Aerospace	331	355	366	387	434	464	486
Air transport	339	314	323	332	339	350	354
New construction	255	252	255	265	284	300	304
Trucking, highway passenger transit	92	102	109	106	105	112	113

Indirect Defense Purchases Resulting from Direct Expenditures

Other business services	281	291	308	318	328	349	367
Advertising	186	201	204	208	213	223	238
Automobile services	170	182	187	194	199	206	212
Professional services	117	121	127	131	137	147	154
Petroleum refining	121	120	124	125	127	132	135

Oregon Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,616	1,613	1,636	1,647	1,683	1,743	1,772
Indirect Defense Purchases Resulting from Direct Purchases	1,690	1,744	1,819	1,858	1,911	2,005	2,078
Indirect Defense Purchases Resulting from Direct Pay	618	624	626	621	616	620	619
Total Nondefense Expenditures	217,632	227,462	236,218	245,140	253,924	263,107	272,815
Total Output	221,573	231,459	240,314	249,281	258,147	267,490	277,298
Government Industry Compensation	705	705	705	702	699	701	700

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Trucking, highway passenger transit	116	129	138	135	133	142	143
Air transport	75	67	70	70	71	74	75
Motor vehicles	74	62	59	62	71	78	88
Water and sanitary services	59	58	59	62	66	69	69
New construction	52	52	51	56	66	74	75

Indirect Defense Purchases Resulting from Direct Expenditures

Real estate and royalties	168	182	194	202	212	228	244
Wholesale trade	172	175	181	185	188	197	203
Electronic components	140	144	150	153	158	166	172
Trucking, highway passenger transit	70	74	77	78	79	83	86
Printing & publishing	68	69	71	72	73	76	77

Pennsylvania Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	13,117	13,251	13,592	13,735	13,986	14,515	14,906
Indirect Defense Purchases Resulting from Direct Purchases	13,842	14,167	14,736	15,019	15,393	16,103	16,629
Indirect Defense Purchases Resulting from Direct Pay	2,553	2,577	2,585	2,563	2,541	2,558	2,553
Total Nondefense Expenditures	797,503	830,936	860,620	891,328	921,221	952,388	985,193
Total Output	827,035	860,952	891,555	922,671	953,165	985,588	1,019,306
Government Industry Compensation	3,182	3,197	3,199	3,183	3,175	3,188	3,192
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	1,895	2,056	2,180	2,205	2,250	2,389	2,497
Metal products	1,023	1,133	1,192	1,243	1,285	1,333	1,395
Finance & insurance	1,030	916	907	939	956	984	1,011
Other medical services & dentists	790	684	670	683	683	705	732
Aerospace	615	660	688	703	733	758	779
Indirect Defense Purchases Resulting from Direct Expenditures							
Finance & insurance	6,340	6,389	6,622	6,752	6,919	7,223	7,438
Professional services	627	675	719	736	763	821	868
Computer & data processing	429	452	476	494	512	542	563
Wholesale trade	402	412	427	435	447	467	484
Primary nonferrous metals	388	410	428	439	459	482	503

Rhode Island Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,435	1,451	1,474	1,479	1,494	1,531	1,553
Indirect Defense Purchases Resulting from Direct Purchases	586	602	627	638	654	683	705
Indirect Defense Purchases Resulting from Direct Pay	361	365	367	365	362	366	366
Total Nondefense Expenditures	62,060	64,673	67,165	69,678	72,159	74,778	77,573
Total Output	64,444	67,094	69,635	72,162	74,672	77,360	80,198
Government Industry Compensation	670	675	678	674	671	676	676

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Professional services	259	261	268	269	269	274	276
Search & navigation equipment	97	103	107	106	105	110	114
New construction	90	89	91	93	97	101	102
Aerospace	50	54	55	59	66	70	74
Electronic components	41	45	46	47	50	55	59

Indirect Defense Purchases Resulting from Direct Expenditures

Professional services	86	86	88	90	91	94	96
Real estate and royalties	41	41	43	44	44	46	47
Finance & insurance	36	37	38	39	40	42	43
Advertising	31	32	33	33	34	35	36
Wholesale trade	31	31	33	33	34	36	37

South Carolina Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,600	5,624	5,704	5,731	5,808	5,966	6,052
Indirect Defense Purchases Resulting from Direct Purchases	2,467	2,537	2,634	2,674	2,740	2,869	2,959
Indirect Defense Purchases Resulting from Direct Pay	1,797	1,817	1,826	1,813	1,800	1,815	1,814
Total Nondefense Expenditures	247,786	258,454	267,842	277,830	287,457	298,442	309,214
Total Output	257,652	268,435	278,007	288,048	297,806	309,091	320,040
Government Industry Compensation	3,210	3,236	3,259	3,234	3,217	3,241	3,238
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	375	368	373	377	384	394	398
New construction	267	264	266	278	299	316	320
Agriculture, construction, mining & oilfield equipment	214	230	243	239	243	249	263
Metal products	137	153	164	174	173	190	220
Rubber products	141	144	154	167	195	217	227
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	179	203	214	209	212	223	225
Textiles and knitting	157	160	166	169	173	180	186
Wholesale trade	118	121	125	128	131	138	143
Professional services	124	121	123	126	130	136	138
Electronic components	110	119	127	133	139	150	160

South Dakota Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	605	609	618	619	625	641	645
Indirect Defense Purchases Resulting from Direct Purchases	372	379	394	400	409	427	440
Indirect Defense Purchases Resulting from Direct Pay	220	222	223	221	219	220	220
Total Nondefense Expenditures	49,168	51,135	53,086	54,877	56,600	58,423	60,386
Total Output	50,365	52,347	54,321	56,118	57,853	59,712	61,691
Government Industry Compensation	345	348	350	348	346	348	348
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Computers	49	51	50	51	52	54	55
New construction	43	42	43	45	48	51	52
Trucking, highway passenger transit	29	32	34	34	33	36	36
Professional services	13	13	13	13	14	14	14
Hotels	12	11	11	11	11	12	12
Indirect Defense Purchases Resulting from Direct Expenditures							
Finance & insurance	36	36	38	38	39	40	41
Real estate and royalties	35	36	37	38	38	40	41
Wholesale trade	30	30	32	32	33	34	35
Electronic components	18	20	21	22	23	25	26
Trucking, highway passenger transit	17	18	18	19	19	20	20

Tennessee Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,326	5,378	5,529	5,563	5,616	5,780	5,839
Indirect Defense Purchases Resulting from Direct Purchases	3,525	3,636	3,784	3,845	3,931	4,102	4,233
Indirect Defense Purchases Resulting from Direct Pay	1,348	1,363	1,369	1,360	1,350	1,360	1,360
Total Nondefense Expenditures	372,434	389,832	404,950	420,699	435,706	451,360	467,762
Total Output	382,652	400,226	415,650	431,485	446,620	462,619	479,211
Government Industry Compensation	1,411	1,409	1,410	1,403	1,398	1,400	1,398

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Air transport	1,493	1,395	1,430	1,476	1,512	1,557	1,573
Professional services	844	906	953	949	937	950	965
Apparel	303	366	394	379	377	401	401
Trucking, highway passenger transit	318	351	374	366	363	386	389
New construction	123	122	121	130	148	161	164

Indirect Defense Purchases Resulting from Direct Expenditures

Professional services	279	297	314	317	318	327	335
Movies and amusements	246	246	251	251	253	260	264
Wholesale trade	221	227	237	242	249	261	271
Air transport	194	202	213	218	224	234	242
Trucking, highway passenger transit	180	190	199	201	204	215	221

Texas Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	27,399	27,829	28,278	28,614	29,489	30,554	31,204
Indirect Defense Purchases Resulting from Direct Purchases	13,250	13,673	14,232	14,523	14,919	15,660	16,208
Indirect Defense Purchases Resulting from Direct Pay	7,011	7,082	7,107	7,050	6,992	7,040	7,028
Total Nondefense Expenditures	1,287,975	1,345,472	1,392,073	1,446,514	1,498,014	1,551,586	1,607,369
Total Output	1,335,493	1,393,909	1,441,551	1,496,574	1,549,292	1,604,720	1,661,692
Government Industry Compensation	11,751	11,837	11,907	11,823	11,764	11,845	11,835

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Aerospace	5,193	5,607	5,822	6,086	6,632	6,998	7,272
Professional services	1,881	1,966	2,050	2,085	2,140	2,245	2,308
New construction	764	757	757	802	891	961	977
Air transport	832	750	784	792	801	837	846
Trucking, highway passenger transit	650	715	761	745	739	785	792

Indirect Defense Purchases Resulting from Direct Expenditures

Other business services	1,405	1,449	1,514	1,557	1,608	1,702	1,782
Real estate and royalties	981	999	1,037	1,056	1,076	1,123	1,157
Wholesale trade	802	825	854	875	901	945	981
Petroleum refining	741	735	758	762	774	807	823
Communications services	663	676	698	713	732	764	786

Utah Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,173	3,215	3,276	3,291	3,331	3,426	3,479
Indirect Defense Purchases Resulting from Direct Purchases	1,463	1,509	1,573	1,606	1,652	1,737	1,798
Indirect Defense Purchases Resulting from Direct Pay	767	776	779	774	768	774	773
Total Nondefense Expenditures	155,632	162,999	169,162	175,685	181,919	188,407	195,226
Total Output	161,046	168,509	174,800	181,367	187,680	194,354	201,287
Government Industry Compensation	1,446	1,458	1,462	1,453	1,449	1,457	1,460

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Professional services	672	705	737	747	763	803	830
Communication equipment	136	148	156	155	152	153	155
New construction	149	147	149	155	166	175	178
Trucking, highway passenger transit	82	91	98	95	94	100	101
Aerospace	79	83	85	89	97	103	108

Indirect Defense Purchases Resulting from Direct Expenditures

Professional services	222	231	243	249	259	276	288
Real estate and royalties	88	90	93	95	96	100	103
Wholesale trade	76	79	83	85	87	92	95
Air transport	61	63	67	68	70	73	76
Advertising	59	60	62	63	65	67	69

Vermont Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,552	1,554	1,600	1,631	1,690	1,783	1,818
Indirect Defense Purchases Resulting from Direct Purchases	975	994	1,034	1,052	1,076	1,126	1,161
Indirect Defense Purchases Resulting from Direct Pay	118	119	120	119	118	118	118
Total Nondefense Expenditures	39,982	41,607	43,106	44,555	45,979	47,426	49,055
Total Output	42,630	44,277	45,862	47,359	48,866	50,456	52,154
Government Industry Compensation	125	126	126	125	125	125	125
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Metal products	210	233	245	256	263	273	284
Trucking, highway passenger transit	187	208	222	217	215	229	231
Air transport	170	150	158	159	159	167	169
New construction	118	117	115	126	151	169	173
Water transport	78	90	96	93	91	98	98
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	322	328	340	347	354	370	381
Finance & insurance	106	107	112	114	116	122	125
Automobile services	70	71	75	75	76	80	82
Federal & state and local government enterprises	64	64	65	66	67	69	71
Electronic components	43	47	50	52	55	59	63

Virginia Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	39,118	39,257	39,963	40,438	40,695	41,616	42,150
Indirect Defense Purchases Resulting from Direct Purchases	11,280	11,609	12,099	12,342	12,661	13,238	13,671
Indirect Defense Purchases Resulting from Direct Pay	6,986	7,058	7,089	7,033	6,977	7,027	7,017
Total Nondefense Expenditures	534,118	556,833	576,737	597,853	618,253	639,175	661,368
Total Output	591,491	614,747	635,878	657,658	678,578	701,048	724,198
Government Industry Compensation	15,743	15,883	15,967	15,859	15,792	15,907	15,912
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	7,857	8,141	8,451	8,498	8,544	8,777	8,938
Computer & data processing	3,855	3,734	3,742	3,772	3,805	3,892	3,939
Ships & boats	1,403	1,253	1,440	1,745	1,666	1,786	1,873
Communications services	1,127	1,093	1,088	1,114	1,147	1,178	1,195
Aerospace	995	1,074	1,111	1,172	1,302	1,386	1,448
Indirect Defense Purchases Resulting from Direct Expenditures							
Computer & data processing	4,020	4,138	4,338	4,434	4,556	4,778	4,944
Professional services	2,599	2,672	2,787	2,836	2,898	3,017	3,105
Other business services	626	643	666	686	709	752	791
Advertising	625	640	656	665	684	711	731
Communications services	256	261	270	276	283	295	303

Washington Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	10,189	10,418	10,637	10,655	10,694	10,927	11,042
Indirect Defense Purchases Resulting from Direct Purchases	3,475	3,633	3,830	3,929	4,062	4,282	4,440
Indirect Defense Purchases Resulting from Direct Pay	2,841	2,870	2,881	2,860	2,837	2,858	2,855
Total Nondefense Expenditures	382,542	400,735	416,715	433,576	449,881	466,440	483,841
Total Output	399,167	417,773	434,179	451,133	467,582	484,616	502,286
Government Industry Compensation	5,408	5,453	5,485	5,447	5,421	5,461	5,459
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	1,295	1,381	1,451	1,451	1,444	1,478	1,509
Aerospace	830	898	945	955	964	982	1,000
New construction	453	447	451	471	504	532	539
Communication equipment	214	240	245	248	256	268	283
Trucking, highway passenger transit	196	209	221	218	217	229	232
Indirect Defense Purchases Resulting from Direct Expenditures							
Aerospace	428	453	478	484	490	508	524
Professional services	331	397	460	503	561	625	667
Real estate and royalties	275	280	291	296	302	315	325
Wholesale trade	229	236	246	253	261	274	285
Communications services	159	162	168	172	177	185	191

West Virginia Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,232	1,238	1,268	1,275	1,302	1,361	1,377
Indirect Defense Purchases Resulting from Direct Purchases	1,150	1,173	1,216	1,235	1,262	1,316	1,355
Indirect Defense Purchases Resulting from Direct Pay	258	260	261	258	256	258	257
Total Nondefense Expenditures	93,369	96,665	99,600	102,791	106,010	109,362	112,882
Total Output	96,012	99,339	102,349	105,564	108,835	112,301	115,874
Government Industry Compensation	345	346	346	344	343	344	344
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Trucking, highway passenger transit	252	281	300	293	290	309	311
New construction	83	82	81	88	103	115	117
Professional services	66	70	74	74	75	77	79
Air transport	73	64	68	68	68	72	72
Hotels	48	42	44	44	45	47	47
Indirect Defense Purchases Resulting from Direct Expenditures							
Real estate and royalties	158	161	167	170	173	181	187
Coal mining	116	116	119	122	125	129	132
Finance & insurance	95	96	100	102	104	109	112
Primary nonferrous metals	61	65	67	69	72	76	79
Automobile services	50	51	54	54	55	58	59

Wisconsin Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,673	2,772	2,857	2,859	2,946	3,105	3,205
Indirect Defense Purchases Resulting from Direct Purchases	2,997	3,083	3,204	3,262	3,350	3,504	3,630
Indirect Defense Purchases Resulting from Direct Pay	904	912	914	906	897	902	900
Total Nondefense Expenditures	382,151	399,170	415,262	430,062	444,241	459,140	474,795
Total Output	388,742	405,954	422,255	437,107	451,450	466,667	482,546
Government Industry Compensation	577	579	580	577	574	577	576

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Motor vehicles	543	681	754	737	733	781	783
Apparel	402	332	309	320	370	411	469
Metal products	119	132	140	146	151	159	170
Aerospace	110	118	122	129	144	154	161
Professional services	117	117	120	121	124	128	130

**Indirect Defense Purchases Resulting
from Direct Expenditures**

Printing & publishing	236	243	254	261	267	279	291
Electronic components	200	217	231	241	253	273	291
Printing & publishing	211	214	220	221	224	230	234
Paper	205	207	213	214	217	225	230
Wholesale trade	199	204	212	216	221	231	239

Wyoming Summary
(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	512	510	513	513	519	532	534
Indirect Defense Purchases Resulting from Direct Purchases	361	363	374	378	385	401	410
Indirect Defense Purchases Resulting from Direct Pay	165	167	167	165	164	165	165
Total Nondefense Expenditures	35,595	36,667	37,618	38,655	39,767	40,940	42,202
Total Output	36,634	37,707	38,672	39,711	40,836	42,039	43,311
Government Industry Compensation	312	315	318	316	314	317	316
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	57	57	57	60	63	67	67
Trucking, highway passenger transit	18	19	21	20	20	21	21
Professional services	15	15	15	16	18	19	19
Railroads	12	13	14	14	14	15	15
Hotels	14	12	13	13	13	14	14
Indirect Defense Purchases Resulting from Direct Expenditures							
Coal mining	34	34	35	36	37	38	39
Petroleum refining	28	28	29	29	29	31	31
Natural gas extraction	26	26	26	26	27	28	28
Finance & insurance	25	26	27	27	28	29	30
Real estate and royalties	25	25	26	26	27	28	28

Entire United States Summary

(Millions of 2004 dollars)

	2003	2004	2005	2006	2007	2008	2009
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	377,200	382,191	390,540	394,497	400,451	412,799	420,235
Indirect Defense Purchases Resulting from Direct Purchases	193,811	199,931	208,386	212,335	217,814	228,066	235,692
Indirect Defense Purchases Resulting from Direct Pay	86,110	86,997	87,344	86,659	85,965	86,572	86,467
Total Nondefense Expenditures	18,318,176	19,128,192	19,844,813	20,603,228	21,328,263	22,085,650	22,883,580
Total Output	18,975,297	19,797,311	20,531,082	21,296,720	22,032,493	22,813,087	23,625,973
Government Industry Compensation	139,940	141,023	141,760	140,701	140,071	141,027	140,999
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional services	52,203	54,934	57,405	57,778	58,229	60,171	61,569
Aerospace	34,410	37,097	38,575	39,997	42,915	44,987	46,570
New construction	12,722	12,590	12,643	13,304	14,549	15,540	15,767
Trucking, highway passenger transit	9,133	10,042	10,687	10,469	10,380	11,029	11,131
Air transport	10,754	9,821	10,216	10,364	10,552	11,048	11,204
Indirect Defense Purchases Resulting from Direct Expenditures							
Professional services	17,267	18,031	18,929	19,281	19,750	20,686	21,387
Other business services	14,266	14,855	15,589	15,934	16,397	17,236	17,885
Real estate and royalties	12,118	12,334	12,804	13,034	13,290	13,871	14,283
Finance & insurance	11,876	11,998	12,464	12,688	12,989	13,579	13,980
Computer & data processing	10,264	10,708	11,269	11,560	11,890	12,496	12,948

APPENDIX

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
1	Dairy Farm Products	241	1	Agriculture, Forestry, and Fisheries
2	Poultry and Eggs	250 -254		
3	Meat Animals and Other Livestock	210 270		
4	Cotton	131		
5	Grains	111 112 115 118 pt 119 pt 139		
6	Tobacco	132		
7	Fruit, Vegetables, and Other Crops	pt 119 133 134 pt 139 170 173 179 161 116		
8	Forestry Products	800 -850 970		
9	Fishery Products	910		
10	Agriculture, Forestry, and Fishery Services	pt 180 254 700 780 850 920		
11	Iron Ores	1010 1060	2	Metal Mining
12	Copper Ore	1020		
13	Other Nonferrous Ores	1030 1040 1050 1080 1090		
14	Coal Mining	1200	3	Coal Mining
15	Natural Gas Extraction	1312	4	Natural Gas
16	Crude Oil Extraction	1311 1320 1380	5	Crude Oil
17	Stone and Clay Quarrying and Mining	1410 1420 1440 1450 1480 1490	6	Nonmetallic Mining
18	Chemical and Fertilizer Minerals Mining	1470		
19	New Construction	1600	7	Construction
20	Maintenance Constructior	1500	8	Maintenance Constructior
21	Guided Missiles and Space Vehicles	3761	51	Aerospace
22	Ammunition, Except Small Arms	3483	34	Metal Products
23	Tanks and Tank Components	3795	53	Other Transportation Equipment
24	Small Arms	3484	34	Metal Products
25	Small Arms Ammunition	3482		
26	Other Ordnance and Accessories	3489		
27	Meat Packing Plants, Sausage and Other Prepared Meats	2011 2013	9	Meat Products
28	Poultry Slaughtering and Processing	2015	10	Dairy Products
29	Dairy Products, Except Fluid Milk	2021 2022 2023 2024		
30	Fluid Milk	2026		
31	Fish and Seafoods	2091 2092	14	Other Food Products
32	Preserved Fruits and Vegetables, Frozen Bakery Products	2032 2033 2034 2035 2037 2038	11	Canned and Frozen Foods
33	Flour, Cereals, and Other Grain Mill Products	2041 2043 2045	12	Bakery and Grain Mill Products
34	Prepared Animal Feeds	2047 2048		
35	Rice Milling	2044		
36	Wet Corn Milling	2046		

National		SIC Classification				State Level	
ind #	Industry Title	Classification Code(s)				sec #	Industrial Sector Title
37	Bakery Products	2051	2052	2053		12	Bakery and Grain Mill Products
38	Sugar	2061	2062	2063		14	Other Food Products
39	Confectionery, Chocolate Products, and Roasted Nuts	2064	2066	2067	2068		
40	Beer, Malt Beverages, and Malt	2082	2083			13	Alcoholic Beverages
41	Wines, Brandy, and Brandy Spirits	2084					
42	Distilled and Blended Liquors	2085					
43	Soft Drinks and Flavorings	2086	2087			14	Other Food Products
44	Vegetable Oil Mills	2074,	2075,	2076			
45	Animal and Marine Fats and Oils	2077					
46	Shortening, Table Oils, and Edible Fats	2079					
47	Roasted Coffee	2095					
48	Miscellaneous Food Preparations	2096	2097	2098	2099		
49	Cigarettes	2110				15	Tobacco Products
50	Cigars	2120					
51	Chewing and Smoking Tobacco and Snuff	2130					
52	Tobacco Stemming and Redrying	2140					
53	Broadwoven Fabric Mills	2210	2220	2230	2261 2262	16	Textiles and Knitting
54	Narrow Fabric Mills	2240					
55	Yarn and Thread Mills, Textile Finishers	2269	2281	2282	2284		
56	Carpets and Rugs	2270					
57	Miscellaneous Textile Goods	2290					
58	Knitting Mills	2251	2252	2253	2254 2257 2258 2259		
59	Apparel	2300-2390				17	Apparel and Household Textiles
60	Household Textile Products	2391	2392				
61	Miscellaneous Fabricated Textile Products	2393	2394	2395	2396 2397 2399 3999		
62	Logging Camps and Contractors	2411				29	Lumber
63	Sawmills and Planing Mills	2421	2426	2429			
64	Millwork and Wood Kitchen Cabinets	2431	2434				
65	Veneer and Plywood	2435	2436				
66	Structural Wood Members, n.e.c.	2439					
67	Prefabricated Wood Buildings and Components	2452					
68	Wood Preserving	2491					
69	Wood Pallets and Skids	2448					
70	Wood Containers	2441	2449				
71	Particleboard and Wood Products, n.e.c.	2493	2499				
72	Household Furniture	2511	2512	2514	2515 2517 2519	30	Furniture
73	Office Furniture	2521	2522				
74	Public Building and Related Furniture	2531					
75	Partitions and Fixtures	2541	2542				

National		SIC Classification		State Level	
ind #	Industry Title	Classification Code(s)		sec #	Industrial Sector Title
76	Furniture and Fixtures, n.e.c.	2591	2599	30	Furniture
77	Pulp Mills	2610		18	Paper
78	Paper Mills, Including Building Paper	2620			
79	Paperboard Mills	2630			
80	Bags, Except Textile Bags	2673	2674		
81	Paperboard Containers and Boxes	2650			
82	Paper Coating and Glazing, Die Cut Paper	2671	2672 2675		
83	Envelopes and Stationery	2677	2678		
84	Converted Paper Products, n.e.c.	2679			
85	Sanitary Paper Products	2676			
86	Newspaper Publishing and Printing	2710		19	Printing and Publishing
87	Periodical Publishing and Printing	2720			
88	Book Publishing and Printing	2731	2732		
89	Miscellaneous Publishing	2740			
90	Commercial Printing	2752	2754 2759		
91	Greeting Card Publishing	2770			
92	Printing Trade Services	2791	2796		
93	Blankbooks and Bookbinding	2782	2789		
94	Manifold Business Forms	2761			
95	Industrial Inorganic Chemicals	2812	2813 2816 2819, excl. 2819E	23	Other Chemicals
96	Industrial Organic Chemicals	2865	2869		
97	Gum and Wood Chemicals	2861			
98	Agricultural Chemicals	2873	2874 2875 2879	20	Agricultural Fertilizers
99	Adhesives and Sealants	2891		23	Other Chemicals
100	Explosives	2892			
101	Chemical Preparations, n.e.c.	2893	2895 2899		
102	Plastics Materials and Resins	2821		21	Plastics and Synthetics
103	Synthetic Rubber	2822			
104	Cellulosic Man-Made Fibers	2823			
105	Synthetic Organic Fibers, Except Cellulosic	2824			
106	Drugs	2830		22	Drugs
107	Soaps and Cleaners	2841	2842 2843	23	Other Chemicals
108	Perfumes, Cosmetics, and Other Toilet Preparations	2844			
109	Paints, Varnishes, and Related Products	2850			
110	Petroleum Refining, Except Fuel Oil	2911	2917 2992 2999	24	Petroleum Refining
111	Fuel Oil	2915		25	Fuel Oil
112	Asphalt Paving and Coatings	2951	2952	24	Petroleum Refining
113	Tires and Inner Tubes	3010		26	Rubber Products

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
114	Fabricated Rubber Products, n.e.c.	3060	26	Rubber Products
115	Rubber and Plastics Footwear	3020		
116	Rubber and Plastics Hose and Belting	3052		
117	Gaskets, Packing, and Sealing Devices	3053		
118	Miscellaneous Plastic Products	3080	27	Plastic Products
119	Leather Tanning and Finishing	3110	28	Shoes and Leather
120	Boot and Shoe Cut Stock and Findings	3130		
121	Footwear, Except Rubber	3142 3143 3144 3149		
122	Other Leather Goods	3150 3160 3171 3172 3199		
123	Glass and Glass Products, n.e.c.	3210 3229 3230	31	Stone, Clay, and Glass
124	Glass Containers	3221		
125	Cement, Hydraulic	3240		
126	Structural Clay Products	3251 3253 3255 3259		
127	Pottery and Related Products	3261 3262 3263 3264 3269		
128	Concrete and Concrete Products	3271 3272 3273		
129	Lime	3274		
130	Gypsum Products	3275		
131	Cut Stone and Stone Products	3280		
132	Nonmetallic Mineral Products, n.e.c.	3291 3292 3295 3296 3297 3299		
133	Steel Mills, Blast Furnaces, and Rolling and Finishing Mill	3312 3313 3315 3316 3317	32	Primary Ferrous Metals
134	Iron and Steel Foundries	3320		
135	Iron and Steel Forgings	3462		
136	Miscellaneous Primary Metal Products	3398 3399		
137	Primary Smelting and Refining of Copper	3331, pt. 3341	33	Primary Nonferrous Metals
138	Primary Smelting and Refining of Aluminum	3334 28195 pt. 3341		
139	Lead, Zinc, and Other Primary Nonferrous Metals	3339		
140	Copper Rolling and Drawing Products	3351		
141	Aluminum Rolling and Drawing Products	3353 3354 3355		
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	3356 3357		
143	Aluminum Foundries and Castings	3363 3365		
144	Copper Foundries	3366		
145	Nonferrous Castings and Forgings	3364 3369 3463		
146	Metal Cans	3411	34	Metal Products
147	Metal Shipping Barrels, Drums, Kegs, and Pails	3412		
148	Metal Sanitary Ware and Plumbing Fixtures	3431 3432		
149	Heating Equipment, Except Electrical and Warm Air Furnaces	3433		
150	Fabricated Structural Metal Products	3441 3442		
151	Fabricated Plate Work (Boiler Shops)	3443		
152	Sheet Metal and Other Metal Work	3444 3446 3448 3449		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
153	Screw Machine Products, Bolts, and Nuts	3450	34	Metal Products
154	Automotive Stampings	3465		
155	Crowns and Closures	3466		
156	Metal Stampings, n.e.c.	3469		
157	Cutlery and Hand Tools	3421 3423 3425		
158	Hardware, n.e.c.	3429		
159	Metal Plating, Polishing, and Coating	3471 3479		
160	Metal Foil and Leaf	3497		
161	Miscellaneous Fabricated Wire Products	3495 3496		
162	Steel Springs, Except Wire	3493		
163	Pipes, Valves, and Pipe Fittings	3491 3492 3494 3498	35	Engines and Turbines
164	Fabricated Metal Products, n.e.c.	3499		
165	Steam, Gas, and Hydraulic Turbines	3511	36	Agricultural, Construction, Mining and Moving Equipmen
166	Internal Combustion Engines, n.e.c	3519		
167	Farm Machinery and Equipment	3523		
168	Garden Tractors and Lawn and Garden Equipmen	3524		
169	Construction Machinery and Equipmen	3531		
170	Mining Machinery and Equipment, Except Oil and Gas Machiner	3532		
171	Oil and Gas Field Machinery	3533		
172	Elevators and Moving Stairways	3534		
173	Conveyers, Hoists, and Cranes	3535 3536		
174	Industrial Trucks, Tractors, Trailers, and Stackers	3537		
175	Machine Tools, Metal Cutting Types	3541	37	Metalworking Machinery
176	Machine Tools, Metal Forming Types	3542		
177	Special Dies, Jigs, Molds, and Cutting Tools	3544 3545		
178	Power-Driven Hand Tools	3546		
179	Rolling Mill Machinery and Equipmen	3547		
180	Metalworking Machinery, n.e.c	3549		
181	Food Products Machinery	3556	38	Special Industry Machinery
182	Textile Machinery	3552		
183	Woodworking Machinery	3553		
184	Paper Industries Machinery	3554		
185	Printing Trades Machinery and Equipmen	3555		
186	Special Industrial Machinery, n.e.c	3559		
187	Pumps and Compressors	3561 3563	39	General and Miscellaneous Industrial Machiner
188	Ball and Roller Bearings	3562		
189	Blowers and Exhaust and Ventilation Fans	3564		
190	Industrial Patterns	3543	37	Metalworking Machinery
191	Packaging Machinery and General Industrial Machinery, n.e.c	3565 3569	39	General and Miscellaneous Industrial Machiner
192	Mechanical Power Transmission Equipmen	3566 3568		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
193	Industrial Process Furnaces and Ovens	3567	39	General and Miscellaneous Industrial Machinery
194	Carburetors, Pistons, Piston Rings, and Valves	3592		
195	Fluid Power Equipment	3593 3594		
196	Scales and Balances	3596		
197	Industrial and Commercial Machinery, n.e.c	3599		
198	Electronic Computers	3571	40	Computers
199	Computer Peripheral Equipment	3572 3575 3577		
200	Calculators and Accounting Machinery	3578	41	Other Office Equipment
201	Office Machines and Typewriters	3579		
202	Automatic Merchandising Equipment	3581	42	Service Industry Machinery
203	Commercial Laundry, Dry Cleaning, and Pressing Machinery	3582		
204	Air Conditioning, Heating, and Refrigeration Equipment	3585		
205	Measuring and Dispensing Pumps	3586		
206	Service Industry Machinery, n.e.c	3589		
207	Instruments to Measure Electricity	3825	57	Other Instruments
208	Transformers	3612	43	Electric Industrial Appliances and Distribution Equipment
209	Switchgear and Switchboard Apparatus	3613		
210	Motors and Generators	3621		
211	Relays and Industrial Controls	3625		
212	Welding and Soldering Equipment	3548	37	Metalworking Machinery
213	Electrical Industrial Apparatus	3624 3629	43	Electric Industrial Appliances and Distribution Equipment
214	Major Household Appliances	3631 3632 3633	44	Household Appliances
215	Other Household Appliances	3634 3635 3639		
216	Electric Lamps, Light Fixtures, and Wiring	3641 3643 3644 3645 3646 3647 3648	45	Electrical Equipment
217	Household Audio and Video Equipment	3651	46	TVs, VCRs, Radios, and Phonographs
218	Prerecorded Records and Tapes	3652		
219	Telephones, Switchboards, Modems, Faxes, etc.	3661	47	Communications Equipment
220	Radio and TV Broadcasting and Communication Equipment	3663 3669		
221	Electron Tubes	3671	48	Electronic Components
222	Semiconductors and Related Devices	3674		
223	Electronic Components, n.e.c.	3672 3675 3676 3677 3678 3679		
224	Storage Batteries	3691	45	Electrical Equipment
225	Primary Batteries, Dry and Wet	3692		
226	X-ray and Irradiation Apparatus	3844	55	Medical Instruments and Supplies
227	Electromedical and Electrotherapeutic Apparatus	3845		
228	Engine Electrical Equipment	3694	45	Electrical Equipment
229	Magnetic and Optical Recording Media	3695		
230	Electrical Machinery, Equipment and Supplies, n.e.c	3699		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
231	Truck and Bus Bodies	3713	49	Motor Vehicles
232	Truck Trailers	3715		
233	Motor Vehicles and Passenger Car Bodies	3711		
234	Motor Vehicle Parts and Accessories	3714	50	Motor Vehicle Parts
235	Aircraft	3721	51	Aerospace
236	Aircraft and Missile Engines, Propulsion Units and Parts	3724 3764		
237	Aircraft and Missile Parts and Auxiliary Equipment, n.e.c	3728 3769		
238	Shipbuilding and Repairing	3731	52	Ships and Boats
239	Boat Building and Repairing	3732		
240	Railroad Equipment	3740	53	Other Transportation Equipment
241	Motorcycles, Bicycles, and Parts	3750		
242	Travel Trailers and Campers	3792		
243	Mobile Homes	2451	29	Lumber
244	Motor Homes	3716	49	Motor Vehicles
245	Transportation Equipment, n.e.c.	3799	53	Other Transportation Equipment
246	Search and Navigation Equipment	3812	54	Search and Navigation Equipment
247	Laboratory Apparatus and Furniture	3821	57	Other Instruments
248	Measuring Devices and Environmental Controls	3822 3823 3824 3829		
249	Surgical and Medical Instruments	3841	55	Medical Instruments and Supplies
250	Surgical Appliances and Supplies	3842		
251	Dental Equipment and Supplies	3843		
252	Watches, Clocks, Clockwork-Operated Devices, and Parts	3870	57	Other Instruments
253	Laboratory and Optical Instruments	3826 3827		
254	Ophthalmic Goods	3850	56	Ophthalmic Goods
255	Photographic Equipment and Supplies	3860	57	Other Instruments
256	Jewelry, Precious Metal, Silverware, and Plated Wares	3911 3914 3915	58	Miscellaneous Manufacturing
257	Musical Instruments	3930		
258	Games, Toys, and Play Vehicles	3942 3944		
259	Sport and Athletic Goods, n.e.c.	3949		
260	Pens, Pencils, and Other Office and Artists' Materials	3951 3952 3953 3955		
261	Costume Jewelry and Notions	3961 3965		
262	Manufacturing, n.e.c.	3991 3993 3995 3996 3999		
263	Railroads	4000 4740 pt. 4789	59	Railroads
264	Local and Suburban Passenger Transportation	4100	60	Trucking and Highway Passenger Transit
265	Trucking and Warehousing	4200 pt. 4789		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
266	Water Transportation	4400	61	Water Transportation
267	Airlines	4500	62	Air Transportation
268	Pipelines	4600	63	Pipeline
269	Transportation Services	4700	64	Transportation Services
270	Telephone and Telegraph	4800 -4830	65	Communications Services
271	Radio and TV Broadcasting	4830		
272	Electric Utilities	4910 pt 4930	66	Electric Utilities
273	Natural Gas	4920 pt 4930	67	Gas Utilities
274	Water, Sewer, Steam, and Irrigation Services	4940 4950 4960 4970 pt 4930	68	Water and Sanitation
275	Wholesale Trade	5000 5100	69	Wholesale Trade
276	Retail Trade	5200 5300 5400 5500 5600 5700 5900	70	Retail Trade
277	Eating and Drinking Places	5800 pt 7000	71	Restaurants and Bars
278	Banking	60	72	Finance and Insurance
279	Credit Agencies Other Than Banks	61 67 -6732		
280	Security and Commodity Brokers, Dealers, Exchanges, and Services	62		
281	Insurance Carriers	63		
282	Insurance Agents, Brokers, and Services	64		
283	Owner-Occupied Dwellings	No SIC	74	Owner-Occupied Housing
284	Real Estate	6500 6600 1531	73	Real Estate
285	Royalties	I-O sector, but no SIC		
286	Hotels, Rooming Houses, Camps, and Other Lodging Places	7000	75	Hotels
287	Personal and Repair Services	7200 7620 7630 7640	76	Personal and Repair Services
288	Personnel Supply Services	7360	80	Research Labs and Other Business Services
289	Computer and Data Processing Services	7370	78	Computer and Data Processing Services
290	Research Laboratories and Management Consulting	8731 8732 8734 8740	80	Research Labs and Other Business Services
291	Equipment Rental and Leasing Services	7350		
292	Advertising	7310	79	Advertising
293	Other Business Services	7320 7330 7340 7380 7390 7690	80	Research Labs and Other Business Services
294	Legal Services	8110	77	Professional Services
295	Engineering and Architectural Services	8710		
296	Other Professional Services, Including Accounting	8720 8900		
297	Auto Rental and Leasing	7510	81	Automobile Services
298	Auto Repair and Services	75 other		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
299	Motion Pictures	78, exc. 7840	82	Movies and Amusements
300	Video Tape Rental	7840		
301	Amusements and Recreation Services	7910 7920 7930 7941 7948 7990		
302	Private Hospitals	8060	83	Private Hospitals
303	Physicians, Excluding Dentists	8010 8030	84	Physicians
304	Dentists and Miscellaneous Medical Services	0740 8020 8041 8043 8048 8070 8080 8090	85	Other Medical Services
305	Nursing Homes	8050	86	Nursing Homes
306	Education and Libraries	82	87	Education and Nonprofit Organizations
307	Social Services	83		
308	Museums, Nonprofits, Research, and Private Education	84 8650 8690 8733 6732		
309	Membership Organizations	86		
310	United States Postal Service	4311	88	Federal, State, and Local Government Enterprises
311	Federal Government Enterprises	No SIC		
312	State and Local Government Enterprises	No SIC		
317	Government Industry Compensation	No SIC	93	Government Industry Compensation

FEEDBACK FORM

1. Did this publication provide the information you needed to interpret the projections in which you were interested? If not, what other information did you need?

2. Did the projections for your industry or state seem to be reasonable?

3. Are there other published forecasts with which the projections for your industry or state can be compared?

4. What parts of the projections were most and least useful to you?

MOST

LEAST

_____	Projected direct defense purchases for an industry	_____
_____	Projected indirect defense purchases for an industry	_____
_____	Projected direct defense expenditures for a state	_____
_____	Projected indirect defense expenditures for a state	_____
_____	Projected geographic distribution of direct purchases	_____
_____	Projected geographic distribution of indirect purchases	_____

Other: _____

5. Comments on the format of the tables in this report:

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